AASP African American Studies Summer 2012

AASP100 **Introduction to African American Studies**

AASP100 Introduction to African American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Significant aspects of the history of African Americans with particular emphasis on the evolution and development of black communities from slavery to the present. Interdisciplinary introduction to social, political, legal and economic roots of contemporary problems faced by blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.

0101	Jason Nichols **Meets May 29, 2012 - July 8, 2012** TuTh 10:00am - 1:20pm	Seats (Total: 30) LEF 1221
0201	Jason Nichols **Meets July 9, 2012 - August 19, 2012** TuWTh 10:00am - 12:15pm	Seats (Total: 22) LEF 1201
XA21	Jason Nichols **Meets July 9, 2012 - August 19, 2012** TuWTh 10:00am - 12:15pm	Seats (Total: 0) KEY 0120

AASP101 **Public Policy and the Black Community**

AASP101 Public Policy and the Black Community; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Formerly: AASP300. The impact of public policies on the black community and the role of the policy process in affecting the social, economic and political well-being of minorities. Particular attention given to the post-1960 to present era.

0101	Jonathan England **Meets May 29, 2012 - July 8, 2012** TuWTh 12:30pm - 2:50pm	Seats (Total: 35) TYD 2110

AASP202 **Black Culture in the United States**

AASP202 Black Culture in the United States; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
The course examines important aspects of African American life and thought which are reflected in African American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the 19th-century to the present.

WB11	Robert Choflet **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 25) ONLINE
WB21	Robert Choflet **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 25) ONLINE

AASP398P **Selected Topics in the African Diaspora; Peoples and Culture of Africa**
Contact department for information to register for this course.

AASP498E **Special Topics in Black Culture; Understanding Hip Hop Culture: A Critical Examination**

AASP498E Special Topics in Black Culture: Understanding Hip Hop Culture: A Critical Examination; (3 credits) Grade Method: REG/P-F/AUD.
This course not only examines the inception and evolution of Hip Hop culture, it critically studies the various events, societal constructs, and cultures (past and present), which have contributed to Hip Hop's beginnings and growth. AASP 498E also uses Hip Hop Culture as a point of departure to deconstruct myriad social issues and media systems. These things have impacted Hip Hop Culture in various ways. This course will be centered on research papers, examinations, rich class discussion, and critical thought.

0101	Solomon Comissiong **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:30pm	Seats (Total: 30) ASY 3211

AASP498I **Special Topics in Black Culture; Women and the Civil Rights Movement**

AASP498I Special Topics in Black Culture: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as HIST360 and WMST498M.

WB41	Elsa Barkley Brown	Seats (Total: 39)
	Meets July 9, 2012 - July 27, 2012	
	Class time/details on ELMs	ONLINE

AASP498M **Special Topics in Black Culture; Black Masculinities**

AASP498M Special Topics in Black Culture: Black Masculinities; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Jeffrey McCune Jr.	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

AASP498R **Special Topics in Black Culture; Race and Sports**

AASP498R Special Topics in Black Culture: Race and Sports; (3 credits) Grade Method: REG/P-F/AUD.
This course will be a web-based class which uses print media and film toinvestigate the relationship between two issues that play a large rolein American society--race and sports. All lectures, readings and assignments will be available via Blackboard. There will be an orientation for the course on May 29 (for those in the area). If there are questions, please contact the instructor at jenglan1@umd.edu.

WB21	Jonathan England	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

AASP499F **Advanced Topics in Public Policy and the Black Community; Black Politics and Policy: A Multimedia Approach**

AASP499F Advanced Topics in Public Policy and the Black Community: Black Politics and Policy: A Multimedia Approach; (3 credits) Grade Method: REG/P-F/AUD.

This is an online course that uses media (film, documentaries) and speeches to investigate African-American politics and policy issues such as education, crime, and welfare. Please contact the instructor at jenglan1@umd.edu for more information. There will be an orientation to the class on Tuesday, July 9th (for those who are local).

WB21	Jonathan England	Seats (Total: 50)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

AMSC Applied Mathematics & Scientific Computation Summer 2012

AMSC498A **Selected Topics in Applied Mathematics**

AMSC498A *(PermReq)* **Selected Topics in Applied Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC689 **Research Interactions in Applied Mathematics and Scientific Computation**

AMSC689 *(PermReq)* **Research Interactions in Applied Mathematics and Scientific Computation; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC698A **Advanced Topics in Applied Mathematics**

AMSC698A *(PermReq)* **Advanced Topics in Applied Mathematics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC760 **Applied Statistics Practicum**

AMSC760 Applied Statistics Practicum; (3 credits) Grade Method: REG. *Prerequisite: Must have completed one year of graduate study in Applied Statistics. Restriction: Must have project proposal approved by SAC coordinator.* A semester long applied applied statistical project (a minimum 10 hours per week or 120 hours in total), in an internship of collaborative research-laboratory setting working on a substantive applied quantitative project with significant statistical content.

0201	Partha Lahiri	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

AMSC799 **Master's Thesis Research**

AMSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC898 **Pre-Candidacy Research**

AMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC899 **Doctoral Dissertation Research**

AMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST American Studies Summer 2012

AMST101 **Introduction American Studies**

Please Click here for m ore AMST course information.

AMST101 Introduction American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
Credit only granted for: AMST101 or AMST201. Formerly: AMST201. Introduces students to the interdisciplinary field of American Studies by examining concepts such as culture, identity, cultural practices, and globalization, as well as theories underlying these concepts. Engages key themes, especially constructions of difference and identity, cultures of everyday life, and America and the world.

0201	Paul Saiedi **Meets July 9, 2012 - August 19, 2012** TuWTh 9:00am - 11:15am	Seats (Total: 17) HBK 1108
XA21	Paul Saiedi **Meets July 9, 2012 - August 19, 2012** TuWTh 9:00am - 11:15am	Seats (Total: 0) HBK 1108

AMST203 **Popular Culture in America**

AMST203 Popular Culture in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society.

WB11	Douglas Ishii **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 30) ONLINE
WB21	Maria Vargas **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 30) ONLINE

AMST269B **Special Topics in Study Abroad II; Lived Existence: Perspectives in Native American Identity Contact department for information to register for this course.**

AMST269I **Special Topics in Study Abroad II; Images of Italian Americans in Film**

Contact department for information to register for this course.

AMST298F **Selected Topics in American Studies; Urban Black Youth: Experiences, Identities, Popular Culture**

AMST298F Selected Topics in American Studies: Urban Black Youth: Experiences, Identities, Popular Culture; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Stephanie Stevenson	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

AMST298P **Selected Topics in American Studies; Youth Culture and Popular Music in the US**

AMST298P Selected Topics in American Studies: Youth Culture and Popular Music in the US; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Shayna Maskell	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

AMST298Y **Selected Topics in American Studies; Lived Existence: Perspectives in Native American Identity (Brazil)**

Contact department for information to register for this course.

AMST328O **Perspectives on Identity and Culture; Queer Cultures**

AMST328O Perspectives on Identity and Culture: Queer Cultures; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Darius Bost	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

AMST386 **Experiential Learning**

AMST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Restriction: Permission of ARHU-American Studies department; and Junior standing or higher.* Faculty mentored independent learning. On line interaction using Blackboard is required.

WB21	Jo Paoletti **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 7) ONLINE

AMST398 **Independent Studies**

AMST398 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG. Faculty mentored independent learning. Online interaction using Blackboard is required. Please contact the instructor for further information at jpaol@umd.edu.

WB11	Jo Paoletti **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 7) ONLINE

AMST418R **Cultural Themes in America; Identity in American Culture**

AMST418R Cultural Themes in America: Identity in American Culture; (3 credits) Grade Method: REG/P-F/AUD.

WB11	R Kelly **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 30) ONLINE

AMST429E **Perspectives on Popular Culture; Television in American Culture**

AMST429E Perspectives on Popular Culture: Television in American Culture; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Sheri Parks **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 40) ONLINE
WB21	Andrew Nelson **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 30) ONLINE

AMST698 **Directed Readings in American Studies**

AMST698 Directed Readings in American Studies; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST799 **Master's Thesis Research**

AMST799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST898 **Pre-Candidacy Research**

AMST898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST899 **Doctoral Dissertation Research**

AMST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH Anthropology Summer 2012

ANTH220 **Introduction to Biological Anthropology**

ANTH220 Introduction to Biological Anthropology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Natural Science Lab; Diversity - Understanding Plural Societies.
Human biological evolution, including the biology of contemporary human groups, non-human primate social behavior, and the fossil, biochemical, and molecular evidence for human evolution. Includes a laboratory study of human population genetics, biochemical variation, and anatomical diversity in modern and fossil human and non-human primate groups. Students must pay a $30.00 laboratory materials fee.

0101	Susan Steen	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 9:00am - 12:00pm MW 9:00am - 12:00pm	MMH 0108 WDS 0124C	Lab
0102	Susan Steen	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 9:00am - 12:00pm TuTh 1:00pm - 4:00pm	MMH 0108 WDS 0124C	Lab

ANTH238B **Special Topics Study Abroad II; Lived Existence: Perspectives in Native American Identity**
Contact department for information to register for this course.

ANTH240 **Introduction to Archaeology**

ANTH240 Introduction to Archaeology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Exploration of the variety of past human societies and cultures through archaeology, from the emergence of anatomically modern humans to the more recent historical past.

WB11	Anne Garland	Seats (Total: 30)	
	Meets May 29, 2012 - July 8, 2012		
	Class time/details on ELMs	ONLINE	

ANTH260 **Introduction to Sociocultural Anthropology and Linguistics**

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies.
Culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior. Particular attention to the relationship between language and culture.

WB11	Michael Buonanno	Seats (Total: 25)	
	Meets May 29, 2012 - July 8, 2012		
	Class time/details on ELMs	ONLINE	

ANTH298A **Special Topics in Anthropology; Forensic Sciences**

ANTH298A Special Topics in Anthropology: Forensic Sciences; (3 credits) Grade Method: REG/P-F/AUD.

YS41	Marilyn London	Seats (Total: 25)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:00pm	WDS 1102
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs Website for further information.	

ANTH298F **Gender and Anthropology**

ANTH298F Gender and Anthropology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.

WB11	Katherine Johnson	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

ANTH298N **Special Topics in Anthropology; Lived Existence: Perspectives in Native American Identity (Brazil)**

Contact department for information to register for this course.

ANTH298O **Special Topics in Anthropology; Lived Existence: Perspectives in Native American Identity (brazil)**

Contact department for information to register for this course.

ANTH358A **Undergraduate Teaching Assistant**

ANTH358A Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH358B **Undergraduate Teaching Assistant**

ANTH358B Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH358C **Undergraduate Teaching Assistant**

ANTH358C Undergraduate Teaching Assistant; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH386 **Experiential Learning**

ANTH386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Recommended: Completion of advanced courses in relevant subfield of anthropology recommended. Restriction: Permission of BSOS-Anthropology department; and Junior standing or higher; and must be in Anthropology program. Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH398A **Independent Study**

ANTH398A *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Approval of Instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH398J **Independent Study; Archaeology Practicum**
Contact department for information to register for this course.

ANTH428W **Special Topics in Bioanthropology; Primate Social Behavior**

ANTH428W Special Topics in Bioanthropology: Primate Social Behavior; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB21	Mark Zajac	Seats (Total: 30)	
	Meets July 9, 2012 - August 19, 2012		
	Class time/details on ELMs	ONLINE	

ANTH445 **Laboratory Methods in Archaeology**

ANTH445 Laboratory Methods in Archaeology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ANTH496. Recommended: ANTH240. The processing, curation, cataloging and analysis of data is an important part of any archaeology field project. Students will learn that basics of laboratory techniques necessary for the final analysis and interpretation of field data.

0401	Mark Leone	Seats (Total: 20)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 5:00pm	WDS 1124	Lab
	This lab section will work with finds from the Annapolis field school led by Leone, Deeley, Pruitt and Skolnik.		
0402	Stephen Brighton	Seats (Total: 20)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 5:00pm	WDS 0128	Lab
	This lab section will work with finds from the Virginia Field School le by Brighton.		
0403	Paul Shackel	Seats (Total: 20)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 5:00pm	WDS 1125	Lab
	This lab section will work with finds from the Lattimer Field School le by Shackel.		

ANTH448I **Special Topics in Archaeology; Introduction to Cultural Resource Management**

ANTH448I Special Topics in Archaeology: Introduction to Cultural Resource Management; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

0501	Terry Klein	Seats (Total: 15)
	Meets June 18, 2012 - June 25, 2012	
	MTuWThFSa 9:00am - 5:00pm	Location: TBA
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

ANTH468P **Special Topics in Cultural Anthropology; Anthropology, War and Security**

ANTH468P Special Topics in Cultural Anthropology: Anthropology, War and Security; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ANTH688P. Click here fore more course information.

WB21	Katherine Izsak	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

ANTH476 **Senior Research**

ANTH476 *(PermReq)* **Senior Research; (3-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Must be in Anthropology program. Credit only granted for: ANTH476 or ANTH486. Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of a senior thesis in anthropology.

Contact department for information to register for this course.

ANTH477 **Senior Thesis**

ANTH477 *(PermReq)* **Senior Thesis; (3-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ANTH476. Restriction: Permission of BSOS-Anthropology department; and must be in Anthropology program. Credit only granted for: ANTH477 or ANTH487. Capstone course in which students write a senior thesis on independent research into a current problem in anthropology. The thesis is defined before a committee of faculty.

Contact department for information to register for this course.

ANTH486 **Honors Research**

ANTH486 Honors Research; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Restriction: Permission of BSOS-Anthropology department; and must be in Anthropology program; and Must be admitted to University Honors Program or Anthropology Honors Program. Credit only granted for: ANTH486 or ANTH476.* Capstone course in which students pursue independent research into a current problem in anthropology, selected with assistance of a committee of faculty. Research leads to the writing of an honors thesis in anthropology.

Contact department for information to register for this course.

ANTH487 **Honors Thesis**

ANTH487 Honors Thesis; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ANTH486. Restriction: Permission of BSOS-Anthropology department; and must be in Anthropology program; and Must be admitted to University Honors Program or Anthropology Honors Program. Credit only granted for: ANTH487 or ANTH477.* Capstone course in which students write a thesis on the results of independent research into a current problem in anthropology.

Contact department for information to register for this course.

ANTH496 **Field Methods in Archaeology**

ANTH496 Field Methods in Archaeology; (6 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice; Diversity - Understanding Plural Societies.
Field training in the techniques of archaeological survey and excavation. Also offered as ANTH696 and SUMM015.

0101	Mark Leone	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation sites will be in Annapolis and on the Eastern Shore. Student will be responsible for their own transportation.	

0102	Stephen Brighton	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation site will be near Charlottesville, Virginia. Students will b responsible for their own transportation.	
0103	Paul Shackel	Seats (Total: 6)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation site will be near Hazelton, Pennsylvania. Students will be responsible for their own transportation.	

ANTH498C **Advanced Field Training in Ethnography; Brazil: Environmental Conservation & Indigenous Peoples**

Contact department for information to register for this course.

ANTH498F **Advanced Field Training in Ethnography; Summer Field School in Applied Urban Ethnographic and Community Health Sciences**

ANTH498F Advanced Field Training in Ethnography: Summer Field School in Applied Urban Ethnographic and Community Health Sciences; (3-6 credits)

Grade Method: REG/P-F/AUD.

0101	Tony Whitehead	Seats (Total: 20)
	Meets June 5, 2012 - July 15, 2012	
	Contact instructor or department for details.	

ANTH498J **Advanced Field Training in Ethnography; Jamaica: Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**

Contact department for information to register for this course.

ANTH498M **Advanced Field Training in Ethnography; Suriname: Ethnographic Fieldwork-National Celebration, Integration and Identity**

Contact department for information to register for this course.

ANTH498W **Advanced Field Training in Ethnography; Jamaica: Connections, Celebration and Identity**

Contact department for information to register for this course.

ANTH688A **Current Developments in Anthropology**

ANTH688A Current Developments in Anthropology; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH688P **Current Developments in Anthropology; Anthropology, War and Security**

ANTH688P Current Developments in Anthropology: Anthropology, War and Security; (3 credits) Grade Method: REG/AUD.
Also offered as ANTH468P. Click here fore more course information.

WB21	Katherine Izsak	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

ANTH688X **Current Developments in Anthropology; Summer Field School in Applied Urban Ethnographic and Community Health Sciences**

ANTH688X Current Developments in Anthropology: Summer Field School in Applied Urban Ethnographic and Community Health Sciences; (3 credits) Grade Method: REG/AUD.

0101	Tony Whitehead	Seats (Total: 10)
	Meets June 5, 2012 - July 15, 2012	
	Contact instructor or department for details.	

ANTH689A **Special Problems in Anthropology**

ANTH689A *(PermReq)* **Special Problems in Anthropology; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH689I **Special Problems in Anthropology; Introduction to Cultural Resource Management**

ANTH689I Special Problems in Anthropology: Introduction to Cultural Resource Management; (3 credits) Grade Method: REG/S-F.
Click here for more course information.

0501	Terry Klein	Seats (Total: 10)
	Meets June 18, 2012 - June 25, 2012	
	MTuWThFSa 9:00am - 5:00pm	Location: TBA
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

ANTH689M **Special Problems in Anthropology; Suriname: Ethnographic Fieldwork-National Celebration, Integration and Identity**
Contact department for information to register for this course.

ANTH696 **Field Methods in Archaeology**

ANTH696 Field Methods in Archaeology; (6 credits) Grade Method: REG/AUD. *Formerly: ANTH699.* Field training in the techniques of archaeological survey and excavation. Also offered as ANTH496 and SUMM015. Click here for more course information.

0101	Mark Leone	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation sites will be in Annapolis and on the Eastern Shore. Student will be responsible for their own transportation.	
0102	Stephen Brighton	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation site will be near Charlottesville, Virginia. Students will b responsible for their own transportation.	
0103	Paul Shackel	Seats (Total: 6)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation site will be near Hazelton, Pennsylvania. Students will be responsible for their own transportation.	

ANTH698C **Advanced Field Training in Ethnology; Brazil: Ethnographic Fieldwork**
Contact department for information to register for this course.

ANTH698J **Advanced Field Training in Ethnology; Jamaica: Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**

Contact department for information to register for this course.

ANTH698W **Advanced Field Training in Ethnology; Jamaica: Connections, Celebration and Identity**

Contact department for information to register for this course.

ANTH712 **Anthropology Internship Analysis**

ANTH712 *(PermReq)* **Anthropology Internship Analysis; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ANTH789. The preparation and presentation of internship results, and the development of skills in report writing and presentation. Includes the completion of a professional quality report or publishable paper based on the internship experience. Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH788 **Internship Research**

Contact department for information to register for this course.

ANTH789 **Internship**

ANTH789 *(PermReq)* **Internship; (3-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH898 **Pre-Candidacy Research**

ANTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Stephen Brighton **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0102	Erve Chambers **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0103	Janet Chernela **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0105	Judith Freidenberg **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0107	Mark Leone **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0108	Michael Paolisso **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0109	Thurka Sangaramoorthy **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0110	Paul Shackel **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0112	William Stuart **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0113	Tony Whitehead **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0121	L Jen Shaffer **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0201	Stephen Brighton **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0202	Erve Chambers **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0203	Janet Chernela **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0205	Judith Freidenberg **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0207	Mark Leone **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0208	Michael Paolisso **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0209	Thurka Sangaramoorthy **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0210	Paul Shackel **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0211	L Jen Shaffer **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0212	William Stuart **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0213	Tony Whitehead **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

ANTH899 Doctoral Dissertation Research

ANTH899 Doctoral Dissertation Research; (6 credits) Grade Method: REG/S-F.

0101	Stephen Brighton **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0102	Erve Chambers **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0103	Janet Chernela **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0105	Judith Freidenberg **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0106	George Hambrecht **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0107	Mark Leone **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0108	Michael Paolisso **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0109	Thurka Sangaramoorthy **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0110	Paul Shackel **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0111	L Jen Shaffer **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0112	William Stuart **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0113	Tony Whitehead **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0201	Stephen Brighton **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0202	Erve Chambers **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0203	Janet Chernela **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0205	Judith Freidenberg **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0206	George Hambrecht **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0207	Mark Leone **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0208	Michael Paolisso **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0209	Thurka Sangaramoorthy **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0210	Paul Shackel **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0211	L Jen Shaffer **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0212	William Stuart **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0213	Tony Whitehead **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

AOSC Atmospheric and Oceanic Science Summer 2012

AOSC658L **Special Topics in Meteorology**

AOSC658L Special Topics in Meteorology; (1-3 credits) Grade Method: REG/AUD.

0201	Xin-Zhong Liang **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0225	Xin-Zhong Liang **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

AOSC798 **Directed Graduate Research**

AOSC798 Directed Graduate Research; (1-3 credits) Grade Method: S-F.

0101	James Carton **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0103	Raghu Murtugudde **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)

0104	Raghu Murtugudde **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0105	Antonio Busalacchi **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0203	Raghu Murtugudde **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0204	Raghu Murtugudde **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0206	Kenneth Pickering **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0207	Zhanqing Li **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0208	Dale Allen **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0225	Xin-Zhong Liang **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

AOSC898 **Pre-Candidacy Research**

AOSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AOSC899 **Doctoral Dissertation Research**

AOSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARAB Arabic Summer 2012

ARAB104 **Elementary Modern Standard Arabic I-II**

ARAB104 Elementary Modern Standard Arabic I-II; (6 credits) Grade Method: REG/P-F/AUD.
Restriction: Must not be a fluent/native speaker of Arabic. An intensive course focusing on developing functional proficiency in the standard Arabic language, both written and formal spoken. Begins with script and phonology, and develops into a limited range of situation-based texts and topics that build vocabulary, grammar, general communicative competence and cultural awareness. This course includes an additional 3 hours of conversation lab per week. Times and days to be arranged.

XL11	Soulaiman Jendi	Seats (Total: 0)
	Meets June 2, 2012 - June 29, 2012	
	MTuWThF 9:00am - 4:30pm	SQH 1107

ARAB105 **Elementary Modern Standard Arabic III-IV**

ARAB105 Elementary Modern Standard Arabic III-IV; (6 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARAB104. Restriction: Must not be a fluent/native speaker of Arabic. Continuation of ARAB104, developing further linguistic proficiency in Standard Arabic, both written and formal spoken. Covers an extended range of situation-based texts and topics that build vocabulary, grammar, general communicative competence and cultural awareness.

XL21	Soulaiman Jendi	Seats (Total: 0)
	Meets July 3, 2012 - August 3, 2012	
	MTuWThF 9:00am - 4:30pm	SQH 1119

ARAB204 **Intermediate Modern Standard Arabic I**

ARAB204 Intermediate Modern Standard Arabic I; (6 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: ARAB105. Restriction: Must not be a fluent/native speaker of Arabic. Covers topics related to contemporary Arabic society, literature and culture in standard written and formal spoken Arabic. Acquisition of more complex grammatical structures, expanding vocabulary, and reading, to develop a better understanding of the formal aspects of using MSA.

XL11	Lutf Alkebsi	Seats (Total: 0)
	Meets June 2, 2012 - June 29, 2012	
	MTuWThF 9:00am - 4:30pm	SQH 1101

ARAB205 **Intermediate Modern Standard Arabic II**

ARAB205 Intermediate Modern Standard Arabic II; (6 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: ARAB204. Continuation of ARAB204, with exposure to a wide range of Arabic texts from different domains. Focus on vocabulary, more complex grammatical forms, and a better understanding of the formal aspects of using MSA as well as the cultural aspects of using the language.

XL21	Lutf Alkebsi	Seats (Total: 0)
	Meets July 3, 2012 - August 3, 2012	
	MTuWThF 9:00am - 4:30pm	SQH 1121

ARAB304 **Advanced Modern Standard Arabic I**

ARAB304 Advanced Modern Standard Arabic I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARAB205; or permission of ARHU-School of Languages, Literatures, and Cultures department. Restriction: Must not be a fluent/native speaker of Arabic. Formerly: ARAB301. Advanced grammar, reading, writing, speaking in Arabic; study of contemporary Arabic society, politics, and culture.

XL11	Nesrine Basheer	Seats (Total: 0)
	Meets June 2, 2012 - June 29, 2012	
	MTuWThF 9:00am - 12:00pm	SQH 1117

ARAB305 **Advanced Modern Standard Arabic II**

ARAB305 Advanced Modern Standard Arabic II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARAB304; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must not be a fluent/native speaker of Arabic. Further advanced grammar, reading, writing, speaking in Arabic; study of current issues within the Arab World.

XL21	Nesrine Basheer	Seats (Total: 0)
	Meets July 3, 2012 - August 3, 2012	
	MTuWThF 9:00am - 12:00pm	SQH 2112
	This section is only open to students admitted to the SLLC Summer Language Institute. Click here for more course information.	

ARAB398 **Special Topics in Arabic Studies**

ARAB398 Special Topics in Arabic Studies; (3 credits) Grade Method: REG/P-F/AUD.

XL11	Nesrine Basheer	Seats (Total: 0)
	Meets June 2, 2012 - August 3, 2012	
	MTuWThF 1:00pm - 4:30pm	SQH 2112

ARAB638C **Special Topics in Middle Eastern Studies; Socio-cultural Study of Arab Cinema**
Contact department for information to register for this course.

ARAB789 **Independent Study in Arabic**

ARAB789 Independent Study in Arabic; (1 credit) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH Architecture Summer 2012

ARCH150 **Discovering Architecture: A Career Studio**

ARCH150 Discovering Architecture: A Career Studio; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Permission of ARCH-School of Architecture, Planning, & Preservation. Introduction to careers in architecture. A Young Scholars Program course, offered during the summer only. Students learn about careers in architecture, landscape architecture and urban planning. Architecture faculty teach basic design principles that students use to complete their own design project in a design studio environment.

YS41	Michael Ambrose	Seats (Total: 64)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:30am - 4:30pm	ARC 0204
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ARCH223 **History of Non-Western Architecture**

ARCH223 History of Non-Western Architecture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. Survey of non-western architectural history, including prehistoric and vernacular; ancient civilizations and the Indus valley; the Islamic world; Hindu and Buddhist traditions of Asia; and pre-European Africa and the Americas.

0201	Robert Vann	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	MW 7:00pm - 10:00pm	ARC 1123

ARCH224 **The Ancient Roman City: Pompeii and Beyond**

ARCH224 The Ancient Roman City: Pompeii and Beyond; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Humanities. *Credit only granted for: ARCH224 or HONR208S.* Study of daily life in the ancient Roman world seen through the architecture of Pompeii and neighboring cities.

0201	Robert Vann	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 7:00pm - 10:00pm	ARC 1125

ARCH242 **Basic Architectural Drawing**

ARCH242 Basic Architectural Drawing; (3 credits) Grade Method: REG. *Prerequisite: ARCH170; or permission of ARCH-School of Architecture, Planning, & Preservation. Restriction: Freshman standing.* The study of drawing as a learned skill with emphasis on observation, documentation, analysis, and synthesis. This introductory course immerses students in the conventions of architectural drawing (orthographics, isometrics, axonometrics, and linear perspective) primarily through freehand drawing.

0201	Lester Escobal	Seats (Total: 15)	
	Meets July 9, 2012 - August 19, 2012		
	MW 7:00pm - 8:00pm	ARC 1105	
	MW 8:00pm - 10:20pm	ARC 1105	Lab

ARCH419 **Independent Studies in Architectural Technology**

ARCH419 Independent Studies in Architectural Technology; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH428 **Selected Topics in Architectural History**

ARCH428 *(PermReq)* **Selected Topics in Architectural History; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH428F **Selected Topics in Architectural History; French Architecture, Urbanism and Landscape**
Contact department for information to register for this course.

ARCH428G **Selected Topics in Architectural History; Greek and Roman Cities of Southern Turkey**
Contact department for information to register for this course.

ARCH428P **Selected Topics in Architectural History; Domestic Architecture in Pompeii**
Contact department for information to register for this course.

ARCH428Q **Selected Topics in Architectural History; Italy: Archaeological Investigations in the Vesuvian Region**

Contact department for information to register for this course.

ARCH428T **Selected Topics in Architectural History; History of the Turkish Architecture**
Contact department for information to register for this course.

ARCH429 **Independent Studies in Architectural History**

ARCH429 *(PermReq)* **Independent Studies in Architectural History; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH448D **Selected Topics in Visual Studies for Architects**

ARCH448D Selected Topics in Visual Studies for Architects; (1-3 credits) Grade Method: REG/P-F/AUD.

0201	Lester Escobal	Seats (Total: 15)	
	Meets July 9, 2012 - August 19, 2012		
	TuTh 7:00pm - 8:00pm	ARC 1101	
	TuTh 8:00pm - 10:40pm	ARC 1101	Lab

ARCH448F **Selected Topics in Visual Studies for Architects; Visual Analysis in Paris and France**
Contact department for information to register for this course.

ARCH448R **Selected Topics in Visual Studies for Architects; Italy: The Building and the City**
Contact department for information to register for this course.

ARCH456 **Great Cities**
Contact department for information to register for this course.

ARCH478F **Selected Topics in Architecture; Building Scandanavia: Craft and Culture**
Contact department for information to register for this course.

ARCH478G **Selected Topics in Architecture; Japan: Examining Spatial Constructs Through Literature and Architecture**
Contact department for information to register for this course.

ARCH478R **Selected Topics in Architecture; Architectural Drawings II**
Contact department for information to register for this course.

ARCH478V **Selected Topics in Architecture; Italy: Summer Architecture Program in Rome/Visual Analysis: The Building and the City**
Contact department for information to register for this course.

ARCH478Z **Selected Topics in Architecture; Scandinavia: Culture and Place**
Contact department for information to register for this course.

ARCH479 **Independent Studies in Architecture**

ARCH479 Independent Studies in Architecture; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH483 **Field Archaeology**
Contact department for information to register for this course.

ARCH628 **Selected Topics in Architectural History; Architectural History**

ARCH628 *(PermReq)* **Selected Topics in Architectural History: Architectural History; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH628G **Selected Topics in Architectural History; Greek and Roman Cities of Southern Turkey**
Contact department for information to register for this course.

ARCH628P **Selected Topics in Architectural History; Domestic Architecture in Pompeii**
Contact department for information to register for this course.

ARCH628Q **Selected Topics in Architectural History; Italy: Archaeological Investigations in the Vesuvian Region**
Contact department for information to register for this course.

ARCH628T **Selected Topics in Architectural History; History of the Turkish Architecture**
Contact department for information to register for this course.

ARCH629	**Independent Studies in Architectural History** **ARCH629** *(PermReq)* **Independent Studies in Architectural History; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. **Contact department for information to register for this course.**
ARCH678	**Selected Topics in Architecture** **ARCH678 Selected Topics in Architecture; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. **Contact department for information to register for this course.**
ARCH678B	**Selected Topics in Architecture; History of British Architecture** **Contact department for information to register for this course.**
ARCH678E	**Selected Topics in Architecture; Urban Design in St. Petersburg (Russia)** **Contact department for information to register for this course.**
ARCH678F	**Selected Topics in Architecture; Building Scandanavia: Craft and Culture** **Contact department for information to register for this course.**
ARCH678G	**Selected Topics in Architecture; Japan: Examining Spatial Constructs Through Literature and Architecture** **Contact department for information to register for this course.**
ARCH678I	**Selected Topics in Architecture; Building Information Modeling in Professional Practice: Visual Communication and Collaboration**

ARCH678I Selected Topics in Architecture: Building Information Modeling in Professional Practice: Visual Communication and Collaboration; (3 credits)
Grade Method: REG/AUD.
This course explores architectural practice methods related to integrated project delievery. The course explores topical issues of architectural design concept, collaboration, process and technique related to Building Information Modeling in contemporary architectural practitioners must employ to prepare for digital practice that is based on a modeled construct of architectural assemblage and simulation that transcends previous definitions of convention in design, construction and professional reprepresentation. Saturday sessions (8/04, 8/11) to be held in the Ayers Saint Gross Baltimore Office. The Final Review will take place in the Ayers Saint Gross Baltimore office on Friday, 8/17 from 1-6pm.

0601	Kristen Ambrose	Seats (Total: 25)
	Meets July 30, 2012 - August 18, 2012	
	MTuWTh 6:30pm - 9:00pm Sa 9:00am - 4:00pm	ARC 1115 Location: TBA

ARCH678K **Selected Topics in Architecture; Scandinavia: Culture and Place**
Contact department for information to register for this course.

ARCH678R **Selected Topics in Architecture; Architectual Representation**
Contact department for information to register for this course.

ARCH678V **Selected Topics in Architecture; Italy: Summer Architecture Program in Rome/Visual Analysis: The Building and the City**
Contact department for information to register for this course.

ARCH679 **Independent Studies in Architecture**

ARCH679 Independent Studies in Architecture; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH679P **Independent Studies in Architecture; Design and Architecture in St. Petersburg**
Contact department for information to register for this course.

ARCH799 **Master's Thesis Research**

Contact department for information to register for this course.

ARHU Arts and Humanities Summer 2012

ARHU269V **Special Topics in Study Abroad II; Vienna and Budapest Field Study**
Contact department for information to register for this course.

ARHU286 **Experiential Learning**

ARHU286 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: Permission of ARHU-College of Arts & Humanities. Restriction: Minimum cumulative GPA of 2.5; and must be in a major in ARHU-College of Arts & Humanities; and must have earned a minimum of 12 credits.* Designed for ARHU students who wish to complete an internship in one of the academic fields covered within the College of Arts and Humanities. In addition to completing their required hours on site, students will be required to attend four weekly seminars at the beginning of the semester to help develop their para-professional goals and understandings.

0201	Paula Nadler	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

ARHU298J **Special Problems in Arts and Humanities; Creative Writing Workshop**

ARHU298J Special Problems in Arts and Humanities: Creative Writing Workshop; (3 credits) Grade Method: REG/P-F/AUD.
Students will read great poems and stories from across cultures and engage in related writing exercises. Students will share their own original writing in a supportive workshop setting, discover new approaches to revision. "Part of the Young Scholars Program. Enrollment by permission only. Contact summer@umd. edu for further information."

YS41	Vivianne Salgado, Zein El-Amine	Seats (Total: 28)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:30am - 12:30pm	DOR 0128
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ARHU319I **Writers' House Second Year Colloquium: Form and Theory of Creative Writing; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

ARHU338 **Undergraduate Teaching Assistantship in the Writers' House**

ARHU338 *(PermReq)* **Undergraduate Teaching Assistantship in the Writers' House; (3 credits)** Grade Method: REG.

0201	Vivianne Salgado	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

ARHU369I **Special Topics in Study Abroad III; James Joyce's Dublin**
Contact department for information to register for this course.

ARHU386 **Experiential Learning**

ARHU386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of ARHU-College of Arts & Humanities. Restriction: Junior standing or higher.

Contact department for information to register for this course.

ARHU486 **Internship Practicum in Arts and Humanities**

ARHU486 *(PermReq)* **Internship Practicum in Arts and Humanities; (3-6 credits)** Grade Method: REG/P-F.
Prerequisite: Have completed previous internship at U of MD. Restriction: Must be in a major in ARHU-College of Arts & Humanities; and permission of ARHU-College of Arts & Humanities; and minimum cumulative GPA of 2.5; and must have earned a minimum of 60 credits; and Completed 12 credits at U of MD. An internship intended for students who have already completed an internship for credit. ARHU486 must be a different experience from the internship students have already taken for credit. Generally students intern with a different company, but they may continue working for the same company if the job is significantly different. See ARHU internship coordinator for details.

0201	Paula Nadler	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

ARTH Art History & Archaeology Summer 2012

ARTH169A **Special Topics in Study Abroad I; Roman Archaeology On-Site**
Contact department for information to register for this course.

ARTH169I **Special Topics in Study Abroad I; Art of Rome**
Contact department for information to register for this course.

ARTH201 **Art and Society in the West from the Renaissance to the Present**

ARTH201 Art and Society in the West from the Renaissance to the Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. Examines representative European and American works of art from the later Middle Ages to the present, highlighting the dynamic exchange between artistic and cultural traditions both within periods and across time.

0101	Mary Ginsberg	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 12:30pm - 1:50pm	ASY 3215

ARTH269P **Special Topics in Study Abroad II; Exploring the Great Art and Architecture of Prague**
Contact department for information to register for this course.

ARTH323 **Fifteenth-Century Italian Renaissance Art**

ARTH323 Fifteenth-Century Italian Renaissance Art; (3 credits) Grade Method: REG/P-F/AUD.
Painting, sculpture, architecture, and the decorative arts of the fifteenth century in Italy.

0101	Lara Langer	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MTuW 11:00am - 12:20pm	ASY 3221
	Th 9:30am - 12:20pm	ASY 3221

ARTH369I **Special Topics in Study Abroad III; Indian Art and Architecture**
Contact department for information to register for this course.

ARTH389A **Special Topics in Art History and Archaeology; The Art of Drawing: A Left and Right Brain Experience**

ARTH389A Special Topics in Art History and Archaeology: The Art of Drawing: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.

0301	Beryl Bland	Seats (Total: 10)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 12:30pm - 3:30pm	ASY 3217

ARTH389B **Special Topics in Art History and Archaeology; The Art of Color: A Left and Right Brain Experience**

ARTH389B Special Topics in Art History and Archaeology: The Art of Color: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.

0301	Beryl Bland	Seats (Total: 10)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 3:30pm - 6:30pm	ASY 2318

ARTH389E **Special Topics in Art History and Archaeology; Dark Knight and Da Vinci: Comic Books and "High" Art in the 21st Century**

ARTH389E Special Topics in Art History and Archaeology: Dark Knight and Da Vinci: Comic Books and "High" Art in the 21st Century; (3 credits) Grade Method: REG/P-F/AUD.

Comics are a hybrid medium, drawing from the realms of word and image to create new systems of meaning through visual representation. The works of contemporary creators like David Mazzucchelli, Scott McCloud, and Chris Ware, as well as mainstream superhero comics and indie comics, provide a point of entry for students to engage with comics and explore the medium's limits, possibilities, and relevance to the modern world.

0101	Abram Fox	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 2:00pm - 3:20pm	ASY 3215

ARTH389J **Special Topics in Art History and Archaeology; Renaissance Art From Florence to Rome**
Contact department for information to register for this course.

ARTH489A **Special Topics in Art History; Coen Brothers Films: Genre and Irony**

ARTH489A Special Topics in Art History: Coen Brothers Films: Genre and Irony; (3 credits) Grade Method: REG/P-F/AUD.

0101	Greg Metcalf	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:30pm	ASY 3215

ARTH498 **Directed Studies in Art History I**

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH499 **Honors Thesis**

ARTH499 *(PermReq)* **Honors Thesis; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH699 **Special Topics in Art History**

ARTH699 Special Topics in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH798 **Directed Graduate Studies in Art History**

ARTH798 Directed Graduate Studies in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH799 **Master's Thesis Research**

ARTH799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH898 **Pre-Candidacy Research**

ARTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH899 **Doctoral Dissertation Research**

ARTH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTT Art Studio Summer 2012

ARTT100 **Two-Dimensional Design Fundamentals**

ARTT100 Two-Dimensional Design Fundamentals; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Principles and elements of two-dimensional design. Introduction to visual communication. Students must pay a $40.00 materials fee.

0501	James Thorpe	Seats (Total: 18)
	Meets June 18, 2012 - July 6, 2012	
	MTuWTh 9:00am - 2:30pm	ASY 2318
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

ARTT110 **Elements of Drawing I**

ARTT110 Elements of Drawing I; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Formerly: ARTS110. Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects. Students must pay a $40.00 materials fee.

0101	Felicia Glidden **Meets May 29, 2012 - July 8, 2012** MTuWTh 9:00am - 11:30am	Seats (Total: 15) ASY 2317	Lab
0201	Dawn Gavin **Meets July 9, 2012 - August 19, 2012** MTuWTh 9:00am - 11:30am	Seats (Total: 15) ASY 2317	
YS41	Leslie Berns **Meets July 9, 2012 - July 27, 2012** MTuWThF 9:00am - 3:00pm *This section is part of The Young Scholars Program. Enrollment by permission only.*	Seats (Total: 18) ASY 3217	

ARTT150 **Introduction to Art Theory**

ARTT150 Introduction to Art Theory; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art.

0301	Richard Klank **Meets May 29, 2012 - June 15, 2012** MTuWTh 7:00pm - 10:25pm	Seats (Total: 25) ASY 2203	
FF61	Leslie Berns **Meets July 30, 2012 - August 17, 2012** MTuWTh 12:30pm - 3:50pm	Seats (Total: 25) EDU 1315	

ARTT169P **Special Topics in Study Abroad I; Studio Art I: Drawing and Painting Italy**
Contact department for information to register for this course.

ARTT200 **Three-Dimensional Art Fundamentals**

ARTT200 Three-Dimensional Art Fundamentals; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT100 and ARTT110. Fundamental concepts of three-dimensional form and space examined through the manipulation and organization of various materials. Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 16)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 12:30pm - 3:00pm	ASY 1311	Lab

ARTT208W **Intermediate Special Topics in Art; Introduction to Watercolor and Water Based Media**

ARTT208W Intermediate Special Topics in Art: Introduction to Watercolor and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)	
	Meets May 29, 2012 - June 15, 2012		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	

ARTT210 **Elements of Drawing II**

ARTT210 Elements of Drawing II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT110. Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues. Students must pay a $40.00 materials fee.

0101	Felicia Glidden	Seats (Total: 8)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 9:00am - 11:30am	ASY 2321	
0201	Dawn Gavin	Seats (Total: 8)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWTh 9:00am - 11:30am	ASY 2321	

ARTT269I **Special Topics in Study Abroad II; Studio Art II: Drawing and Painting Italy**
Contact department for information to register for this course.

ARTT320 **Elements of Painting**

ARTT320 Elements of Painting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Concepts and fundamental processes of oil and/or acrylic painting. Material fee of $40.00.

0201	Dawn Gavin	Seats (Total: 8)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWTh 12:30pm - 3:00pm	ASY 3322	

ARTT330 **Elements of Sculpture: Metal Casting**

ARTT330 Elements of Sculpture: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Sculptural concepts and fundamental processes related to metal casting. Also offered as SUMM010. Students must pay a $40.00 materials fee.

0301	Steven Jones	Seats (Total: 7)	
	Meets May 29, 2012 - June 15, 2012		
	MTuWTh 3:00pm - 7:00pm	ASY 1310	

ARTT333 **Elements of Sculpture: Wood and Mixed Media**

ARTT333 Elements of Sculpture: Wood and Mixed Media; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Sculptural concepts and fundamental processes using wood and mixed media. Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 12)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 3:00pm - 5:30pm	ASY 1311	Lab

ARTT343 **Elements of Printmaking: Screen Printing**

ARTT343 Elements of Printmaking: Screen Printing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Concepts and fundamental processes related to silkscreen printing. Students must pay a $40.00 materials fee.

0301	Justin Strom	Seats (Total: 14)	
	Meets May 29, 2012 - June 15, 2012		
	MTuWTh 10:00am - 3:00pm	ASY 1317	

0401	Alexander Peace	Seats (Total: 12)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWTh 10:00am - 3:00pm	ASY 1317	Lab

ARTT353 **Elements of Photography**

ARTT353 Elements of Photography; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department.* Introduction to black-and-white photography. Basic technical and aesthetic vocabulary, camera mechanics and darkroom techniques. Introduction to the photographic message and meaning in both fine art and design concept. Students must pay a $40.00 materials fee.

0401	Sora Devore	Seats (Total: 10)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWTh 9:00am - 2:00pm	MMH 0401	

ARTT354 **Elements of Computer Graphics**

ARTT354 Elements of Computer Graphics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Introduction to computer graphics, imaging, illustration and mixed media. Material fee of $40.00.

0301	Brandon Morse	Seats (Total: 14)	
	Meets May 29, 2012 - June 15, 2012		
	MTuWTh 1:00pm - 6:00pm	ASY 3311E	

ARTT369A **Special Topics in Study Abroad III; Focus: Introduction to Digital Photography as Fine Art**
Contact department for information to register for this course.

ARTT369D **Special Topics in Study Abroad III; Design: London**
Contact department for information to register for this course.

ARTT369L **Special Topics in Study Abroad III; Writing with Light**
Contact department for information to register for this course.

ARTT369T **Special Topics in Study Abroad III; Travel Photography**

Contact department for information to register for this course.

ARTT386 **Experiential Learning**

ARTT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Prerequisite: Permission of ARHU-Art department. Restriction: Junior standing or higher.

Contact department for information to register for this course.

ARTT418 **Advanced Drawing Studio**

ARTT418 Advanced Drawing Studio; (3 credits) Grade Method: REG/P-F/AUD. Students must pay a $40.00 materials fee.

0101	Felicia Glidden **Meets May 29, 2012 - July 8, 2012** MTuWTh 9:00am - 11:30am	Seats (Total: 8) ASY 2321
0201	Dawn Gavin **Meets July 9, 2012 - August 19, 2012** MTuWTh 9:00am - 11:30am	Seats (Total: 8) ASY 2321

ARTT418B **Advanced Drawing Studio; Focus on Watercolor Wash**

ARTT418B Advanced Drawing Studio: Focus on Watercolor Wash; (3 credits) Grade Method: REG/P-F/AUD.

Students must pay a $40.00 materials fee.

0301	Richard Klank **Meets May 29, 2012 - June 15, 2012** MTuWTh 1:00pm - 6:00pm	Seats (Total: 18) ASY 2315

ARTT428 **Advanced Painting Studio; Advance Painting**

ARTT428 Advanced Painting Studio: Advance Painting; (3 credits) Grade Method: REG/P-F/AUD.

Material fee of $40.00.

0201	Dawn Gavin	Seats (Total: 5)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWTh 12:30pm - 3:00pm	ASY 3322	

ARTT428A **Advanced Painting Studio; Water Color and Water Based Media**

ARTT428A Advanced Painting Studio: Water Color and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)	
	Meets May 29, 2012 - June 15, 2012		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	

ARTT438D **Advanced Sculpture Studio; Wood and Mixed Media**

ARTT438D Advanced Sculpture Studio: Wood and Mixed Media; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 2)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 3:00pm - 5:30pm	ASY 1311	Lab

ARTT448E **Advanced Printmaking Studio; Advanced Screen Printing**

ARTT448E Advanced Printmaking Studio: Advanced Screen Printing; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0301	Justin Strom	Seats (Total: 8)	
	Meets May 29, 2012 - June 15, 2012		
	MTuWTh 10:00am - 3:00pm	ASY 1317	
0401	Alexander Peace	Seats (Total: 4)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWTh 10:00am - 3:00pm	ASY 1317	Lab

ARTT449 **Advanced Photography Studio**

ARTT449 Advanced Photography Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0401	Sora Devore	Seats (Total: 4)
	Meets July 9, 2012 - July 27, 2012	
	MTuWTh 9:00am - 2:00pm	MMH 0401

ARTT460 **Seminar in Art Theory**
Contact department for information to register for this course.

ARTT468B **Seminar on the Interrelationship Between Art and Art Theory; Issues in Contemporary Art**

ARTT468B Seminar on the Interrelationship Between Art and Art Theory: Issues in Contemporary Art; (3 credits) Grade Method: REG/P-F/AUD.

0301	Richard Klank	Seats (Total: 20)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 7:00pm - 10:25pm	ASY 2203

ARTT489J **Advanced Special Topics in Art; Metal Casting**

ARTT489J Advanced Special Topics in Art: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Material fee of $40.00.

0301	Steven Jones	Seats (Total: 7)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 3:00pm - 7:00pm	ASY 1310

ARTT489N **Advanced Special Topics in Art; Design in Illustration**

ARTT489N Advanced Special Topics in Art: Design in Illustration; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 laboratory studio fee.

0301	James Thorpe	Seats (Total: 20)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 10:00am - 3:00pm	ASY 2318

ARTT498A **Directed Studies in Studio Art**

ARTT498A *(PermReq)* **Directed Studies in Studio Art; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $40.00 materials fee.

Contact department for information to register for this course.

ARTT628 **Painting**

ARTT628 Painting; (3 credits) Grade Method: REG/AUD.
There is a $60 lab fee for this course.

0301	Richard Klank	Seats (Total: 5)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ARTT698A **Directed Graduate Studies in Studio Art**

ARTT698A Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $60.00 studio lab fee.

Contact department for information to register for this course.

ARTT698B **Directed Graduate Studies in Studio Art**

ARTT698B Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Material fee of $60.00.

0205	Dawn Gavin	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

ARTT698C **Directed Graduate Studies in Studio Art**

ARTT698C Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Students must pay a $60.00 Materials fee.

0301	Steven Jones	Seats (Total: 3)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 3:00pm - 7:00pm	ASY 1310

ARTT698W **Directed Graduate Studies in Studio Art; Water Color and Water Based Media**

ARTT698W Directed Graduate Studies in Studio Art: Water Color and Water Based Media; (3 credits) Grade Method: REG/AUD.
There is a special fee of $60.00 required for this course.

0301	Richard Klank	Seats (Total: 5)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ASTR Astronomy Summer 2012

ASTR100 **Introduction to Astronomy**

ASTR100 Introduction to Astronomy; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Natural Sciences. *Credit only granted for: ASTR100, ASTR101, or ASTR120. Additional information: Credit for ASTR100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher.* An elementary course in descriptive astronomy, especially appropriate for non-science students. Topics include the Sun, Moon, planets, stars, and nebulae, galaxies, and evolution of the Universe.

0201	James Hunt	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 9:30am - 10:50am	CSS 2400

ASTR101 **General Astronomy**

ASTR101 General Astronomy; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab. *Credit only granted for: ASTR100, ASTR101, or ASTR120.* Descriptive astronomy, appropriate for non-science majors. Sun, moon, planets, stars, nebulae, galaxies and evolution. Laboratory exercises include use of photographic material, computer simulations, and standard laboratory equipment. Students must pay a $50.00 Laboratory Materials fee.

0201	James Hunt	Seats (Total: 20)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 9:30am - 10:50am	CSS 2400	
	TuTh 11:00am - 1:00pm	CSS 1109	Lab

ASTR699 **Special Problems in Advanced Astronomy**

ASTR699 Special Problems in Advanced Astronomy; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR898 **Pre-Candidacy Research**

ASTR898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR899 **Doctoral Dissertation Research**

ASTR899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM Biochemistry Summer 2012

BCHM461 **Biochemistry I**

BCHM461 Biochemistry I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in CHEM271 and CHEM272; or minimum grade of C- in CHEM276 and CHEM277. Or minimum grade of C- in CHEM241 and CHEM242; and Minimum grade of C- in CHEM113. Restriction: Must not have completed BCHM463; and Credit will be granted for only one of the following: BCHM261, BCHM461, or BCHM463. Credit only granted for: BCHM461 or BCHM463. First semester of a comprehensive introduction to modern biochemistry. Structure, chemical properties, and function of proteins and enzymes, carbohydrates, lipids, and nucleic acids. Basic enzyme kinetics and catalytic mechanisms.

0101	Douglas Julin	Seats (Total: 100)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 10:50am	CHM 1407

BCHM462 **Biochemistry II**

BCHM462 Biochemistry II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in BCHM461. Restriction: Must not have completed BCHM463. Credit only granted for: BCHM462 or BCHM463. A continuation of BCHM 461. Metabolic pathways and metabolic regulation, energy transduction in biological systems, enzyme catalytic mechanisms.

0201	James Watson	Seats (Total: 100)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 8:00am - 9:20am	CHM 1402

BCHM463 **Biochemistry of Physiology**

BCHM463 Biochemistry of Physiology; (3 credits) Grade Method: REG/AUD.
Prerequisite: Minimum grade of C- in CHEM271 and CHEM272; or minimum grade of C- in CHEM276 and CHEM277. Or minimum grade of C- in CHEM241 and CHEM242; and Minimum grade of C- in CHEM113. Restriction: Must not have completed BCHM461 or BCHM462. Credit only granted for: BCHM461, BCHM462 or BCHM463. A one-semester introduction to general biochemistry. A study of protein structure, enzyme catalysis, metabolism, and metabolic regulation with respect to their relationship to physiology.

0201	James Watson	Seats (Total: 50)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 11:00am - 12:20pm	CHM 1402

BCHM699 **Special Problems in Biochemistry**

BCHM699 Special Problems in Biochemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM799 **Master's Thesis Research**

BCHM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM898 **Pre-Candidacy Research**

BCHM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM899 **Doctoral Dissertation Research**

BCHM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE Bioengineering Summer 2012

BIOE120 **Biology for Engineers**

BIOE120 Biology for Engineers; (3 credits) Grade Method: REG/P-F/AUD. *Restriction: Permission of ENGR-Fischell Department of Bioengineering department.* Introduction to the functions and interactions of biological systems from a quantitative perspective. Introduction to the modern experimental techniques and methods of data analysis. Roles for bioengineers in biology, and the role of biology in bioengineering will be elucidated.

0101	Idalis Villanueva	Seats (Total: 40)	
	Meets May 29, 2012 - July 8, 2012		
	MWF 1:00pm - 3:40pm	CHE 2136	

BIOE160 **Biopharmaceutical Production**

BIOE160 *(PermReq)* **Biopharmaceutical Production; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Permission of ENGR-Fischell Department of Bioengineering department; and Must be in the Young Scholars Program. Credit only granted for: BIOE168 or BIOE160. Formerly: BIOE168. Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing in a classroom setting. Students will work through a "production campaign" including all key steps of manufacturing a protein product.

YS41	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 9:50am	CHE 2108	
	MTuWThF 10:00am - 12:50pm	CHE 1203	Lab
	This is part of the Young Scholars Program. By permission only.		
YS42	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 9:50am	CHE 2108	
	MTuWThF 2:00pm - 4:50pm	CHE 1203	Lab
	Please access the Summer Programs Website for further information.		

BIOE689E **Special Topics in Bioengineering; Microscopic Structure and Function of Cells, Tissue and Organs**

BIOE689E Special Topics in Bioengineering: Microscopic Structure and Function of Cells, Tissue and Organs; (1-3 credits) Grade Method: REG.
This course is restricted to Professional Master of Engineering or Graduate Certificate of Engineering students only.

BI01	Peter Andrews	Seats (Total: 30)	
	Meets May 29, 2012 - July 19, 2012		
	Class time/details on ELMs	ONLINE	

BIOE799 **Master's Thesis Research**

BIOE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE898 **Pre-Candidacy Research**

BIOE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE899 **Doctoral Dissertation Research**

BIOE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT Business and Management Summer 2012

BMGT110 **Introduction to the Business Value Chain**

BMGT110 Introduction to the Business Value Chain; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. *Restriction: Must not be a BMGT major with 56 or more credit hours.* Students are provided with an introduction to the business value chain with an emphasis on inter-organizational and intra-organizational coordination of core business processes. Emphasis is on cross-functional integration and the efficient and effective management of core processes with an emphasis on marketing, operations and supply chain management. All course material is delivered online. In-class comprehensive final exam scheduled for August 16, 2012 at 6:30pm in Van Munching Hall.

WB20	Hugh Turner	Seats (Total: 45)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE
	Click here for more information.	

BMGT220 **Principles of Accounting I**

BMGT220 Principles of Accounting I; (3 credits) Grade Method: REG.
Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.

0301	Progyan Basu	Seats (Total: 40)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 10:00am - 1:25pm	VMH 1336

BMGT221 **Principles of Accounting II**

BMGT221 Principles of Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT220. Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.

0301	Gregory Pfeiffer	Seats (Total: 40)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 10:00am - 1:25pm	VMH 1412

BMGT230 **Business Statistics**

BMGT230 Business Statistics; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Analytic Reasoning.
Prerequisite: MATH113 or MATH115; or must have math eligibility of MATH220 or higher. Restriction: Must not have completed STAT400, BMGT231, or ENEE324. Credit only granted for: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200 or SOCY201. Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression and decision theory and the application of these concepts to problem solving in business and the application of these concepts to problem solving in business and management. This course does not meet requirements for management science and statistics majors.

0101	Francis Alt **Meets May 29, 2012 - July 8, 2012** MW 9:00am - 12:45pm	Seats (Total: 35) VMH 1335

BMGT311 **Intermediate Accounting II**

BMGT311 Intermediate Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT310. Continuation of BMGT310.

0101	Kendrall Hardy **Meets May 29, 2012 - July 8, 2012** MW 1:00pm - 4:45pm	Seats (Total: 40) VMH 1333

BMGT340 **Business Finance**

BMGT340 Business Finance; (3 credits) Grade Method: REG.
Prerequisite: BMGT221; and (BMGT231 or BMGT230). Topics include: the principles and practices involved in the organization, financing and rehabilitation of business enterprises; the various types of securities and their use in raising funds, apportioning income, risk and control; intercorporate relations; and new developments. Emphasis on solution of problems of financial policy faced by management.

0101	Elinda Kiss **Meets May 29, 2012 - July 8, 2012** TuTh 5:40pm - 9:00pm	Seats (Total: 40) VMH 1333
0102	Elinda Kiss **Meets May 29, 2012 - July 8, 2012** TuTh 2:00pm - 5:20pm	Seats (Total: 40) VMH 1333

BMGT350 **Marketing Principles and Organization**

BMGT350 Marketing Principles and Organization; (3 credits) Grade Method: REG.
Prerequisite: ECON200 or ECON205. An introduction to the concepts and principles of marketing including the marketing of service and nonprofit organizations. Provides an overview of all the concepts in marketing including relationship marketing, product development, pricing, promotion, marketing research, consumer behavior, international marketing, distribution and internal marketing to employees.

0201	Roxanne Lefkoff	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:30pm - 9:40pm	VMH 1335

BMGT352 **Customer-Centric Innovation**
Contact department for information to register for this course.

BMGT357 **Retailing and Marketing Internship**

BMGT357 *(PermReq)* **Retailing and Marketing Internship; (3-6 credits)** Grade Method: REG.
Prerequisite: BMGT350. Restriction: Permission of BMGT-Robert H. Smith School of Business; and must be in a major in BMGT-Robert H. Smith School of Business.
Supervised work experience with a firm engaged in marketing goods or services. Students apply concepts learned in marketing classes and analyze the firm's organizational structure, environment and marketing strategy. For more information on this course visit:
https://unet.rhsmith.umd.edu/undergrad/Portal/PortalHub.nsf/ID/Internshi pCredit

IN20	Mary Harms	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

BMGT360 **Strategic Management of Human Capital**

BMGT360 Strategic Management of Human Capital; (3 credits) Grade Method: REG.
Provides students with the basic knowledge needed to help organizations attract, select, develop, engage, evaluate, and retain talent. Topics covered may include strategic HRM, the role of globalization, legal issues in HRM, work analysis, HR planning, recruitment, personnel selection, performance management and appraisal, training and development, career development, compensation systems, motivating and rewarding performance, labor relations, and employee health and safety.

0101	Joo Han	Seats (Total: 45)
	Meets May 29, 2012 - July 8, 2012	
	MW 2:00pm - 5:45pm	VMH 1335

BMGT364 **Management and Organization Theory**

BMGT364 Management and Organization Theory; (3 credits) Grade Method: REG. The development of management and organization theory, nature of the management process and function and its future development. The role of the manager as an organizer and director, the communication process, goals and responsibilities.

0101	Elizabeth Bush **Meets May 29, 2012 - July 8, 2012** MW 2:00pm - 5:10pm	Seats (Total: 45) VMH 1412
0201	Gosia Langa **Meets July 9, 2012 - August 19, 2012** MW 2:00pm - 5:10pm	Seats (Total: 45) VMH 1412

BMGT373 **Supply Chain Management Internship**

BMGT373 *(PermReq)* **Supply Chain Management Internship; (3 credits)** Grade Method: REG.
Prerequisite: BMGT370 or BMGT372. Restriction: Permission of BMGT-Robert H. Smith School of Business. Involves supervised work experience in supply chain management, logistics and/or transportation. Students will be expected to relate course material to work experience in an analysis of a firm's operations. For more information on this course visit:
https://unet.rhsmith.umd.edu/undergrad/Portal/PortalHub.nsf/ID/Internshi pCredit

IN20	Woohyun Cho **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 25)

BMGT380 **Business Law I**

BMGT380 Business Law I; (3 credits) Grade Method: REG.
Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.

0201	William McClenahan **Meets July 9, 2012 - August 19, 2012** TuTh 6:30pm - 9:40pm	Seats (Total: 45) VMH 1330

BMGT386 **General Business Internship**

BMGT386 *(PermReq)* **General Business Internship; (3 credits)** Grade Method: REG.
Restriction: Permission of BMGT-Robert H. Smith School of Business; and must be in a major in BMGT-Robert H. Smith School of Business. Supervised work experience in business. Students will be expected to relate course material to work experience in an analysis of a firm's operations. For more information on this course visit: https://unet.rhsmith.umd.edu/undergrad/Portal/PortalHub.nsf/ID/Internshi pCredit

IN20	Hugh Turner	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

BMGT392 **Introduction to International Business Management**
Contact department for information to register for this course.

BMGT398 **Individual Study in Business and Management**

BMGT398 *(PermReq)* **Individual Study in Business and Management; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT417 **Taxation of Corporations, Partnerships and Estates**

BMGT417 Taxation of Corporations, Partnerships and Estates; (3 credits) Grade Method: REG.
Prerequisite: BMGT221. Federal taxation of corporations using the life-cycle approach-formation, operation, assessment, merger, reorganization and liquidation. Overviews of pass-through entities - partnerships and s-corporations -using the life-cycle approach, and the tax consequences of wealth transfers by individuals - gift and estate taxation. Both tax planning and compliance issues are addressed.

0101	Eugene Cantor	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MW 6:15pm - 10:00pm	VMH 1307

BMGT422 **Auditing Theory and Practice**

BMGT422 Auditing Theory and Practice; (3 credits) Grade Method: REG. *Prerequisite: BMGT221.* A study of the independent accountant's attest function, generally accepted auditing standards, compliance and substantive tests and report forms and opinions.

0101	Samuel Handwerger	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:30pm - 9:40pm	VMH 1336

BMGT446 **International Finance**

BMGT446 International Finance; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BMGT340.* Financial management from the perspective of the multinational corporation. Topics covered include the organization and functions of foreign exchange and international capital markets, international capital budgeting, financing foreign trade and designing a global financing strategy. Emphasis of the course is on how to manage exchange and political risks while maximizing benefits from global opportunity sets faced by the firm.

0101	Onur Tosun	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 5:00pm - 8:45pm	VMH 1335

BMGT450 **Integrated Marketing Communications**
Contact department for information to register for this course.

BMGT455 **Sales Management**
Contact department for information to register for this course.

BMGT458D **Special Topics in Marketing; Organizational Communication in Italy**
Contact department for information to register for this course.

BMGT458G **Special Topics in Marketing; The Business of Italian Design and Culture**
Contact department for information to register for this course.

BMGT463 **Cross-cultural Challenges in Business**
Contact department for information to register for this course.

BMGT468F **Special Topics in Management and Organization; Doing Business in Spain and Germany: European Entrepreneurship**

Contact department for information to register for this course.

BMGT468J **Special Topics in Management and Organization; European Business Strategy**

Contact department for information to register for this course.

BMGT469F **Management and Organization Short-term Study Abroad; Doing Business in France and Germany: Entrepreneurship**

Contact department for information to register for this course.

BMGT495 **Business Policies**

BMGT495 Business Policies; (3 credits) Grade Method: REG. CORE Capstone (CS) Course. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: BMGT364, BMGT350, and BMGT340. Restriction: Must be in a major in BMGT-Robert H. Smith School of Business. A case study course where students apply what they have learned of general management principles and their specialized functional applications to the overall management function in the enterprise. This course is restricted to graduating BMGT majors with 90 credit hours completed.

0101	Zeinab Karake **Meets May 29, 2012 - July 8, 2012** MW 6:15pm - 10:00pm	Seats (Total: 35) VMH 1333
0201	Gosia Langa **Meets July 9, 2012 - August 19, 2012** TuTh 2:30pm - 5:40pm	Seats (Total: 35) VMH 1336

BMGT498J **Special Topics in Business and Management; The Business of Sport in Europe_Spain**

Contact department for information to register for this course.

BMGT828 **Independent Study in Business and Management**

BMGT828 *(PermReq)* **Independent Study in Business and Management; (1-9 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
By permission only of the Graduate Director.

Contact department for information to register for this course.

BMGT898 **Pre-Candidacy Research**

BMGT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT899 **Doctoral Dissertation Research**

BMGT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact Graduate Program Director to make arrangements.

Contact department for information to register for this course.

BSCI Biological Sciences Program Summer 2012

BSCI105 **Principles of Biology I**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

BSCI105 Principles of Biology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab. *Prerequisite: Must have math eligibility of MATH111 or higher. Restriction: For science majors.* Basic principles of biology with special emphasis on cellular and molecular biology. Students must pay a $40.00 laboratory materials fee.

0101	James Sniezek **Meets May 29, 2012 - July 8, 2012** TuTh 5:30pm - 8:30pm MW 11:00am - 2:00pm	Seats (Total: 22) BPS 1250 HJP 1226	 Lab
0103	James Sniezek **Meets May 29, 2012 - July 8, 2012** TuTh 5:30pm - 8:30pm MW 2:00pm - 5:00pm	Seats (Total: 22) BPS 1250 HJP 1235	 Lab

0105	James Sniezek	Seats (Total: 22)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 5:30pm - 8:30pm	BPS 1250	
	MW 6:00pm - 9:00pm	HJP 1235	Lab

BSCI105M **Principles of Biology I**

BSCI105M *(PermReq)* **Principles of Biology I; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: Must have math eligibility of MATH111 or higher. Restriction: For science majors. Basic principles of biology with special emphasis on cellular and molecular biology.

0105	James Sniezek	Seats (Total: 10)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 5:30pm - 8:30pm	BPS 1250	

BSCI106 **Principles of Biology II**

BSCI106 Principles of Biology II; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: Must have math eligibility of MATH111 or higher. Restriction: For science majors. Basic principles of biology with special emphasis on organismal, ecological and evolutionary biology. Students must pay a $40.00 laboratory materials fee.

0201	Marjorie Reaka	Seats (Total: 21)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 11:00am - 12:20pm	PLS 1130	
	TuTh 8:00am - 11:00am	HJP 3217	Lab
0202	Marjorie Reaka	Seats (Total: 21)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 11:00am - 12:20pm	PLS 1130	
	TuTh 1:00pm - 4:00pm	HJP 3217	Lab

BSCI106M **Principles of Biology II**

BSCI106M *(PermReq)* **Principles of Biology II; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: Must have math eligibility of MATH111 or higher. Restriction: For science majors. Basic principles of biology with special emphasis on organismal, ecological and evolutionary biology. Permission required

0202	Marjorie Reaka	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 11:00am - 12:20pm	PLS 1130

BSCI124 **Plant Biology for Non-Science Students**

BSCI124 Plant Biology for Non-Science Students; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with BSCI125).
Restriction: For non-science majors only; and must not have completed BSCI105. Additional information: CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI 125. A basic course in plant biology specifically designed for the non-science student. Emphasis is placed on an evolutionary and ecological approach to studying fundamental concepts and processes of plants, their place in the biosphere, the importance of plants to man, and the manner in which humans impact on plants and their environment. This course will not count toward graduation requirements for any student in Biological Sciences, Chemistry, Biochemistry or the College of Agriculture and Natural Resources.

0101	Edgar Moctezuma	Seats (Total: 24)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 11:00am - 12:20pm	HJP 3237

BSCI125 **Plant Biology Laboratory**

BSCI125 Plant Biology Laboratory; (1 credit) Grade Method: REG/P-F/AUD. *Corequisite: Concurrently enrolled in BSCI124. Restriction: For non-science majors only; and must not have completed BSCI105. Credit only granted for: BSCI105 or BSCI125. Additional information: CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI 125.* An introduction to the biology of plants with emphasis on the processes by which plants function, the diversity of plants, and the importance of plants to humans. This course will not count toward graduation requirements for any student in Biological Sciences, Chemistry, Biochemistry or the College of Agriculture and Natural Resources. CORE Lab Science. Students must pay a $40.00 laboratory materials fee.

0101	Edgar Moctezuma	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 1:00pm - 3:00pm	HJP 3237	Lab

BSCI201 **Human Anatomy and Physiology I**

BSCI201 Human Anatomy and Physiology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: BSCI105; or students who have taken courses with similar or comparable course content may contact the department. Anatomy and physiology of the skeletal, muscular, neural, endocrine, and sensory systems. Course not acceptable toward major requirements in Biological Sciences, Chemistry or Biochemistry. Students must pay a $40.00 Laboratory Materials fee. (Sponsoring Department: BIOL.)

0101	Justicia Opoku-Edusei	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	PHY 1410 BPS 0205	Lab
0102	Justicia Opoku-Edusei	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	PHY 1410 BPS 0205	Lab

0105	Justicia Opoku-Edusei **Meets May 29, 2012 - July 8, 2012** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) PHY 1410 BPS 0201	 Lab

BSCI202 **Human Anatomy and Physiology II**

BSCI202 Human Anatomy and Physiology II; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI201; or permission of CMNS-Biology department. Anatomy and physiology of the cardiovascular, respiratory, immune, digestive, urinary and reproductive systems. Course not acceptable toward major requirements in Biological Sciences, Chemistry or Biochemistry. Students must pay a $40.00 Laboratory Materials fee. Sponsoring Department: BIOL.

0201	Tammatha O'Brien **Meets July 9, 2012 - August 19, 2012** MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	Seats (Total: 24) BPS 1250 BPS 0205	 Lab
0202	Tammatha O'Brien **Meets July 9, 2012 - August 19, 2012** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) BPS 1250 BPS 0205	 Lab
0204	Tammatha O'Brien **Meets July 9, 2012 - August 19, 2012** MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	Seats (Total: 24) BPS 1250 BPS 0201	 Lab
0205	Tammatha O'Brien **Meets July 9, 2012 - August 19, 2012** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) BPS 1250 BPS 0201	 Lab

BSCI222 **Principles of Genetics**

BSCI222 Principles of Genetics; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: CHEM131, CHEM132, BSCI106, and BSCI105. Or BSCI105; and Must have completed two semesters of chemistry.* Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.

0101	David Straney	Seats (Total: 30)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 1:00pm - 2:20pm	BPS 1250	
	TuThF 3:00pm - 5:00pm	BPS 1236	Discussion

BSCI223 **General Microbiology**

BSCI223 General Microbiology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab; Signature Courses - I-Series.
Prerequisite: BSCI105. Fundamental concepts in morphology, physiology, genetics, immunology, ecology, and pathogenic microbiology. Applications of microbiology to medicine, the food industry and biotechnology. Students must pay a $40.00 laboratory materials fee.

0101	John Buchner	Seats (Total: 14)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1201	Lab
0102	John Buchner	Seats (Total: 13)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1205	Lab
0103	John Buchner	Seats (Total: 13)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1206	Lab

BSCI279 **Supplemental Study; Supplemental Study in Biology**

BSCI279 *(PermReq)* **Supplemental Study: Supplemental Study in Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
(Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI279A **Supplemental Study; Study in Australia**
Contact department for information to register for this course.

BSCI279E **Supplemental Study; Environmental Biology**

BSCI279E Supplemental Study: Environmental Biology; (3 credits) Grade Method: REG/P-F/AUD.
This Course will explore adaptation and natural selection; organismic, population, community, and ecosystem ecology; and human impact on natural systems

YS41	Karen Nelson	Seats (Total: 24)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:30am - 12:00pm	PLS 1180	
	TuTh 2:00pm - 4:30pm	PLS 1113	Discussion
	This section is part of The Young Scholars Program. Enrollment by permission only.		

BSCI279G **Supplemental Study; Natural History, Ecology and Geology of Australia**
Contact department for information to register for this course.

BSCI279J **Supplemental Study; Dinosaurs & Beyond: The Biol of Prehistoric Life**

BSCI279J Supplemental Study: Dinosaurs & Beyond: The Biol of Prehistoric Life; (3 credits) Grade Method: REG/P-F/AUD.

YS41	Peter Panyon	Seats (Total: 22)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:30am - 12:00pm	PLS 1115	
	TuTh 2:00pm - 4:30pm	PLS 1115	Lab
	This section is part of The Young Scholars Program. Enrollment by permission only.		

BSCI279L **Supplemental Study; Biology I Laboratory**

BSCI279L *(PermReq)* **Supplemental Study: Biology I Laboratory; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Michael Keller **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)

BSCI279N **Supplemental Study; Biology II Laboratory**

BSCI279N *(PermReq)* **Supplemental Study: Biology II Laboratory; (1-3 credits)** Grade Method: REG/P-F/AUD.

0201	Hans Lemke **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

BSCI289 **Off-Campus Internship**

BSCI289 *(PermReq)* **Off-Campus Internship; (1-3 credits)** Grade Method: S-F.

IN10	Katerina Thompson **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
IN20	Katerina Thompson **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

BSCI330 **Cell Biology and Physiology**

BSCI330 Cell Biology and Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in CHEM131, CHEM132, and BSCI105. Restriction: Must not have completed BSCI230. Credit only granted for: BSCI230 or BSCI330. Formerly: BSCI230.* Biochemical and physiological mechanisms underlying cellular function. Properties of cells which make life possible and mechanisms by which cells provide energy, reproduce, and regulate and integrate with each other and their environment. Students must pay a $40.00 lab materials fee.

0101	Hadiya Woodham **Meets May 29, 2012 - July 8, 2012** MTuWTh 11:30am - 1:10pm TuWTh 8:30am - 11:20am	Seats (Total: 24) PLS 1140 BPS 0207	 Lab

BSCI338M **Special Topics in Biology; Human Health and Disease: A Clinical Approach**
Contact department for information to register for this course.

BSCI338Z **Special Topics in Biology; Field Research**

BSCI338Z *(PermReq)* **Special Topics in Biology: Field Research; (1-4 credits)**
Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 20)
SG10	Beth Parent **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
SG20	Beth Parent **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

BSCI348 **Special Topics in Cell Biology and Molecular Genetics**

BSCI348 Special Topics in Cell Biology and Molecular Genetics; (1-4 credits)
Grade Method: REG/P-F/AUD.

0223	Byrn Quimby **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 1)

BSCI348R **Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

BSCI348R Special Topics in Cell Biology and Molecular Genetics: Microbiology Internship; (1-4 credits) Grade Method: REG/P-F/AUD.
Microbiology Internship. Opportunity for students to perform research, relating to microbiology in an off-campus laboratory. Permission of Instructor required. 3 credits applicable to MICB specialization area.

IN11	David Straney **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 20)
IN21	David Straney **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 20)

BSCI370 **Principles of Evolution**

BSCI370 Principles of Evolution; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI106. Understanding evolutionary processes in a natural and human environment, including adaptation; DNA sequence, protein, and genome evolution; evolution of developmental mechanisms; mechanisms of evolutionary change (mutation, natural selection, drift); epidemiology; coevolution and biological control; speciation; comparative methods; extinction and conservation; human evolution.

0301	Charles Fenster **Meets May 29, 2012 - June 15, 2012** MTuWThF 10:00am - 1:00pm	Seats (Total: 30) PLS 1117

BSCI379 **Cell Biology and Molecular Genetics Department Research**

BSCI379 *(PermReq)* **Cell Biology and Molecular Genetics Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI379G **Cell Biology and Molecular Genetics Department Research; Research in Cell Biology and Molecular Genetics**

BSCI379G *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Cell Biology and Molecular Genetics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI379H **Cell Biology and Molecular Genetics Department Honors Research**

BSCI379H *(PermReq)* **Cell Biology and Molecular Genetics Department Honors Research; (1-3 credits)** Grade Method: REG.
Prerequisite: admission to departmental honors program. Repeatable to 8 credits if content differs. Student should consult program guidelines. Research project carried out under guidance of faculty advisor.

0201	Steven Hutcheson	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

BSCI379M **Cell Biology and Molecular Genetics Department Research; Research in Microbiology**

BSCI379M *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Microbiology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI379P **Cell Biology and Molecular Genetics Department Research; Research in Plant Biology**

BSCI379P *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Plant Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI389 **Entomology Department Research**

BSCI389 *(PermReq)* **Entomology Department Research; (1-2 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI399 **Biology Department Research**

BSCI399 *(PermReq)* **Biology Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Jeffrey Jensen **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 15)
0201	Jeffrey Jensen **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 20)

BSCI399H **Biology Department Honors Research**

BSCI399H *(PermReq)* **Biology Department Honors Research; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: participation in the Biology Department Honors Program. Repeatable to 8 credits if content differs. A laboratory research problem; required each semester during honors participation and culminating in an honors thesis. (Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI410 **Molecular Genetics**

BSCI410 Molecular Genetics; (3 credits) Grade Method: REG.
Prerequisite: BSCI222. And Must have completed CHEM233; or (CHEM231 and CHEM232). An advanced genetics course emphasizing the molecular basis of gene structure and function in the context of modern approaches to the genetics of humans and model organisms.

0201	Arturas Meskauskas	Seats (Total: 25)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWTh 12:00pm - 1:40pm	MCB 1207	

BSCI414 **Recombinant DNA Laboratory**

BSCI414 Recombinant DNA Laboratory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI222.* An advanced course offering hands-on experience in performing recombinant DNA experiments. All current molecular biology techniques used for cloning prokaryotic genes, analyzing the gene products, and modifying the genes will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory. Students must pay a $40.00 lab materials fee.

0101	Sandra Fox-Moon	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 11:00am - 3:00pm	MCB 1143	Lab

BSCI422 **Principles of Immunology**

BSCI422 Principles of Immunology; (3 credits) Grade Method: REG. *Prerequisite: BSCI223 and BSCI222. Recommended: BSCI330. Restriction: Junior standing or higher.* The immune system in health and disease. Presentation and analysis of the cellular and molecular processes that comprise the immune system.

0201	Sandra Fox-Moon	Seats (Total: 40)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 10:00am - 11:40am	MCB 1207	

BSCI425 **Epidemiology and Public Health**

BSCI425 Epidemiology and Public Health; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI223. History, characteristic features of epidemiology; the important responsibilities of public health; vital statistics.

0301	Jeffrey Olimpo	Seats (Total: 23)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 1:00pm - 4:00pm	PLS 1117

BSCI433 **Biology of Cancer**

BSCI433 Biology of Cancer; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI222 and BSCI330; or permission of CMNS-Biological Sciences UG Program.* Causes and consequences of neoplastic transformations at the biochemical and cellular levels. Students who wish to register for this section after July 16, 2011, plea se e-mail summer@umd.edu.

0401	Ibrahim Ades	Seats (Total: 30)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:00am - 11:30am	BPS 0283

BSCI437 **General Virology**

BSCI437 General Virology; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI222; or permission of CMNS-Biological Sciences UG Program. Restriction: Junior standing or higher.* Discussion of the physical and chemical nature of viruses, virus cultivation and assay methods, virus replication, viral diseases with emphasis on the oncogenic viruses, viral genetics, and characteristics of the major virus groups.

0101	Jonathan Dinman	Seats (Total: 70)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 1:30pm - 3:10pm	MCB 1207

BSCI440 **Mammalian Physiology**

BSCI440 Mammalian Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI330; and (CHEM231 and CHEM232; or Must have completed CHEM233). Or permission of CMNS-Biological Sciences UG Program.* A study of the cardiovascular, hemopoietic, gastrointestinal, renal and respiratory systems. Chemical and endocrine regulation of physiological functions in mammals. Course does not count as an upper level lab for BIOL majors (see BSCI441).

0101	William Higgins	Seats (Total: 50)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 9:00am - 10:45am	PLS 1140	
	MTuWTh 11:00am - 12:45pm	PLS 1119	Discussion

BSCI447 **General Endocrinology**

BSCI447 General Endocrinology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI330; and Must have completed CHEM233 and CHEM243.
Functions and the functioning of the endocrine glands of animals with special reference to the vertebrates.

0201	Tammatha O'Brien	Seats (Total: 50)	
	Meets July 9, 2012 - August 19, 2012		
	MW 6:00pm - 9:20pm	BPS 1238	

BSCI493 **Medicinal and Poisonous Plants**

BSCI493 Medicinal and Poisonous Plants; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI105; and Must have completed CHEM233. Or 4 credits in BSCI courses. A study of plants important to humans that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.

0101	Margaret Jenkins, George Bean	Seats (Total: 25)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 10:00am - 11:20am	HJP 1216	

BSGC Global Communities Summer 2012

BSGC398E **Special Topics in Global Communities; Global Internship**

BSGC398E *(PermReq)* **Special Topics in Global Communities: Global Internship; (1-3 credits)** Grade Method: REG/P-F/AUD.
Only open to students in the Global Communities Living-Learning Program.

IN11	Natalie Vinski	Seats (Total: 28)	
	Meets May 29, 2012 - August 17, 2012		
	Contact instructor or department for details.		

BSOS Behavioral and Social Sciences Summer 2012

BSOS288I **Special Topics in Behavioral and Social Sciences; Social Science Internship Practicum**

BSOS288I *(PermReq)* **Special Topics in Behavioral and Social Sciences: Social Science Internship Practicum; (1-3 credits)** Grade Method: REG.

IN10	Kathryn Hopps	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
IN20	Kathryn Hopps	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

BSOS302 **Civicus Capstone**

BSOS302 *(PermReq)* **Civicus Capstone; (3 credits)** Grade Method: REG.
Prerequisite: BSOS301. Restriction: Sophomore standing or higher. Capstone course required for CIVICUS citation. Supervised internship, community service, or research project on civil society topic. Application and continued study of skills and concepts, grounded in the social sciences, relevant to understanding and effectively dealing with contemporary social issues.

0201	Sue Briggs	Seats (Total: 3)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

BSOS386 **Experiential Learning**

BSOS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: permission of department. Junior standing.

Contact department for information to register for this course.

BSOS388I **Behavioral and Social Sciences Special Topics; Internship Practicum in the Social Sciences**

BSOS388I *(PermReq)* **Behavioral and Social Sciences Special Topics: Internship Practicum in the Social Sciences; (1-3 credits)** Grade Method: REG.

IN10	Kathryn Hopps	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
IN20	Kathryn Hopps	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

BSOS388Q **Behavioral and Social Sciences Special Topics; Cesar Directed Study**
Contact department for information to register for this course.

BSST Terrorism Studies Summer 2012

BSST288Y **Special Topics in Terrorism Studies; Terrorism and Popular Culture**

BSST288Y *(PermReq)* **Special Topics in Terrorism Studies: Terrorism and Popular Culture; (3 credits)** Grade Method: REG/P-F/AUD.

YS41	Christine Muller	Seats (Total: 24)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 10:00am - 1:00pm	SKN 1115
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs Website for further information.	

BSST338Z **Special Topics in Terrorism Studies; Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance**

BSST338Z Special Topics in Terrorism Studies: Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance; (3 credits) Grade Method: REG/AUD.

Disrupting money flows to terrorists entails a complex interplay among individual, state, and multilateral actors. This course provides an introduction to terrorists financial activities and counterterrorism finance and sanctions policy. The course examines how terrorist groups finance their operations and also emphasizes current policy approaches designed to curb terrorist financing through the application of U.S. and international sanctions. The course explores how multilateral fora; such as the United Nations and Financial Action Task Force counterterrorist finance. At the completion of this course, students will have a better understanding of the key tools, including law enforcement, diplomatic, or intelligence, that are deployed to disrupt and deter terrorist finance.

WB11	Jason Blazakis	Seats (Total: 20)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE

BSST631 **Societal Impacts of and Responses to Terrorism**

BSST631 Societal Impacts of and Responses to Terrorism; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Terrorism Analysis Graduate Certificate Program; or Permission of department. Credit only granted for: BSOS631 or BSST631. Formerly: BSOS631. Explores the manners in which a variety of different actors respond to both terrorist incidents and the threat of terrorism. Examines local responses to terrorist incidents; local impacts of terrorism including effects on individual and group attitudes and behaviors; policy decisions made in response to both terrorist attacks and the threat of terrorism; terrorism prevention, deterrence, interdiction, and mitigation efforts; and individual and community recovery from terrorist attacks.

ST01	Katherine Izsak	Seats (Total: 25)
	Meets June 1, 2012 - August 19, 2012	
	Th 5:30pm - 8:00pm	ONLINE

BSST638Z **Special Topics in Terrorism Studies; Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance**

BSST638Z Special Topics in Terrorism Studies: Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance; (3 credits) Grade Method: REG/AUD.
Disrupting money flows to terrorists entails a complex interplay among individual, state, and multilateral actors. This course provides an introduction to terrorists financial activities and counterterrorism finance and sanctions policy. The course examines how terrorist groups finance their operations and also emphasizes current policy approaches designed to curb terrorist financing through the application of U.S. and international sanctions. The course explores how multilateral fora; such as the United Nations and Financial Action Task Force counterterrorist finance. At the completion of this course, students will have a better understanding of the key tools, including law enforcement, diplomatic, or intelligence, that are deployed to disrupt and deter terrorist finance.

WB11	Jason Blazakis **Meets May 29, 2012 - July 6, 2012** Class time/details on ELMs	Seats (Total: 5) ONLINE

BUAC Accounting and Information Assurance — Summer 2012

BUAC743 **Financial Statement Analysis**

BUAC743 Financial Statement Analysis; (2 credits) Grade Method: REG. *Prerequisite: BUSI610. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business.* Provides students with the tools to conduct a financial statement analysis, which is part of an overall business analysis. This involves understanding and using the information that financial statements are communicating to users.

BA10	Gary Bulmash **Meets May 29, 2012 - June 25, 2012** MW 6:25pm - 10:00pm	Seats (Total: 36) BA 102
DC10	Gary Bulmash **Meets June 5, 2012 - July 24, 2012** Tu 6:25pm - 10:00pm	Seats (Total: 36) DC C2

BUAC759 **Independent Study in Accounting and Information Assurance**

BUAC759 *(PermReq)* **Independent Study in Accounting and Information Assurance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUAC765 **Business Ethics for Accountants and Auditors**

BUAC765 Business Ethics for Accountants and Auditors; (3 credits) Grade Method: REG.
Restriction: Must be in Business and Management (Master's) program. Considers all facets of business ethics issues within an accounting and auditing context. Ethical theory, corporate social responsibility, and individual decision-making are considered. Some of the applied topics that may be covered in this course include, but are not limited to, intellectual property issues, corporate downsizing, outsourcing, global ethics, crises management, and employment ethics.

CP25	James Lager	Seats (Total: 50)
	Meets July 10, 2012 - August 16, 2012	
	TuTh 6:25pm - 9:35pm	VMH 1412
	For MS in Acccounting students only.	

BUAC788P **Action Learning Project**

BUAC788P *(PermReq)* **Action Learning Project; (1 credit)** Grade Method: REG.

0171	Lawrence Gordon	Seats (Total: 0)
	Meets May 29, 2012 - August 16, 2012	
	Contact instructor or department for details.	
	For MS in Acccounting students only.	

BUAC792 **Forensic Accounting/Auditing**

BUAC792 Forensic Accounting/Auditing; (3 credits) Grade Method: REG.
Restriction: Must be in Business and Management (Master's) program. Provides a theoretical background and practical application of fraud examinations and corporate investigations. Fraud prevention, detection, investigation, and related matters such as courtroom procedures will be included. Also considered are topics such as FCPA and securities fraud. A wide variety of teaching tools are used.

CP15	Ariel Ramirez	Seats (Total: 58)
	Meets May 29, 2012 - July 5, 2012	
	TuTh 6:25pm - 9:35pm	VMH 1412
	For MS in Acccounting students only.	

GS16	Ariel Ramirez	Seats (Total: 54)
	Meets June 2, 2012 - June 30, 2012	
	Sa 8:30am - 5:00pm	BLD2 2032
	Meets 6/2, 6/9, 6/16, 6/23, 6/30. For MS in Acccounting students only.	

BUDT Decision and Information Technologies — Summer 2012

BUDT733 **Data Mining for Business**

BUDT733 Data Mining for Business; (2 credits) Grade Method: REG. *Prerequisite: BUSI630. Credit only granted for: BMGT733 or BUDT733. Formerly: BMGT733.* Data mining techniques and their use in strategic business decision making. A hands-on course that provides an understanding of the key methods of data visualization, exploration, classification, prediction, time series forecasting, and clustering.

DC16	Herbert Edelstein	Seats (Total: 40)
	Meets June 2, 2012 - July 21, 2012	
	Sa 8:45am - 1:00pm	DC C2
	Meets 6/2, 6/9, 6/16, 6/30, 7/7, 7/14, Final 7/21.	

BUDT759 **Independent Study in Decision and Information Technologies**

BUDT759 *(PermReq)* **Independent Study in Decision and Information Technologies; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUDT775 **Pricing and Revenue Management**

BUDT775 Pricing and Revenue Management; (2 credits) Grade Method: REG. *Prerequisite: BUSI630. Restriction: Must be in a major in BMGT-Robert H. Smith School of Business; or permission of BMGT-Robert H. Smith School of Business. Credit only granted for: BUDT758D or BUDT775. Formerly: BUDT758D.* Specialized course on pricing and revenue management (PRM) that provides students with tools and principles, drawn from several disciplines (Operations, Microeconomics, Decision Modeling, Statistics, Marketing, IS) to make effective pricing decisions. Topics covered include economics of pricing, strategy and tactics of PRM, pricing optimization, differentiated pricing, dynamic pricing, mark-down pricing, legal and ethical issues in models/methods used in making effective PRM decisions and managerial or organizational factors that hold the key to success in execution of PRM.

GS20	Sharon Hormby	Seats (Total: 36)
	Meets July 26, 2012 - August 22, 2012	
	MW 6:25pm - 10:00pm	BLD3 4202

BUFN Finance Summer 2012

BUFN740 **Capital Markets**

BUFN740 Capital Markets; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).* Designed to deepen the foundations necessary to finance focused students, especially those intending to specialize in the quantitative areas of finance including investments, fixed income, and financial engineering.

BA10	Ali Kalantari	Seats (Total: 36)
	Meets May 29, 2012 - June 25, 2012	
	MW 6:25pm - 10:00pm	BA 103
GS10	Ali Kalantari	Seats (Total: 36)
	Meets May 29, 2012 - June 25, 2012	
	TuTh 6:25pm - 10:00pm	BLD2 2032

BUFN750 **Valuation in Corporate Finance**

BUFN750 Valuation in Corporate Finance; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN714 or BUFN750. Formerly: BUFN714.* An advanced topics course in Corporate Finance dealing with valuation. Main topics will be, building pro forma statements, cost of capital, using ratios and comparables to value projects and firms, dicounted cash flow valuations, WACC and APV methods of valuation and Real Option Valuations.

BA20	Michael Faulkender **Meets July 26, 2012 - August 22, 2012** MW 6:25pm - 10:00pm	Seats (Total: 50) BA 103
DC20	Karen Hallows **Meets July 26, 2012 - August 22, 2012** TuTh 6:25pm - 10:00pm	Seats (Total: 50) DC C3

BUFN752 **Financial Restructuring**

BUFN752 Financial Restructuring; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN716 or BUFN752. Formerly: BUFN716.* Focuses on identifying ways to increase firm value through corporate restructuring. Specific topics include: mergers and tender offers, spin-offs, carve-outs, divestitures, takeover defense strategies, leveraged buy-outs, and international acquisitions. Additionally, the theory, practice and empirical evidence related to each of these topics will be covered. Emphasis will be placed on valuation analysis and strategic considerations.

DC26	Bharat Jain **Meets July 28, 2012 - August 18, 2012** Sa 9:00am - 4:15pm *Meets 7/28, 8/4, 8/11, 8/18.*	Seats (Total: 42) DC C3

BUFN754 **Corporate Risk Management**

BUFN754 Corporate Risk Management; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Surveys the theory and practice of financial risk identification, measurement, and mitigation at financial and non-financial firms. Topics will include hedging with options and futures, interest rate risk management, Value-at-Risk (VaR), Cashflow-at-Risk (CaR), Earnings-at-Risk (EaR), credit risk, equity risk, commodities risk, exchange rate risk, and lessons from risk management disasters.

BA10	Ceyed Baiju	Seats (Total: 36)
	Meets June 30, 2012 - July 21, 2012	
	Sa 9:00am - 4:15pm	BA 103
	Meets 6/30, 7/7, 7/14, 7/21.	

BUFN755 **Entrepreneurial Finance and Private Equity**

BUFN755 Entrepreneurial Finance and Private Equity; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUSI647 or BUFN755. Formerly: BUSI647. An advanced topics course in Corporate Finance. The major emphasis is how financiers help growing firms - and in particular young start-ups - using different types of securities at different points in the industry's and firm's life. Financing arrangements and securities studied will include private equity funds and private financings placements, Venture Capital (VC) and preferred equity, Investment Banks through Initial Public Offerings (IPOs), Private equity finds, debt and leveraged buyouts. Students will learn additional techniques that will help them understand how financiers value firms and how to understand, plan and value different financing strategies.

Contact department for information to register for this course.

BUFN759 **Independent Study in Finance**

BUFN759 *(PermReq)* **Independent Study in Finance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUFN760 **Applied Equity Analysis**

BUFN760 Applied Equity Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN702 or BUFN760. Formerly: BUFN702. Students will learn to analyze equity securities using the basic EIC (Economy/Industry/Company) framework used in the financial industry, paying special attention to financial statement analysis. Students also will learn the primary valuation techniques used to estimate market values for equity securities.

DC10	Joseph Perfetti	Seats (Total: 60)
	Meets June 4, 2012 - July 23, 2012	
	M 6:25pm - 10:00pm	DC C2

BUFN762 **Fixed Income Analysis**

BUFN762 Fixed Income Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN731 or BUFN762. Formerly: BUFN731. Describes important financial instruments which have market values that are sensitive to interest rate movements. Develops tools to analyze interest rate sensitivity and value fixed income securities. Defines and explains the vocabulary of the bond management business.

DC10	Mark Taranto	Seats (Total: 36)
	Meets June 26, 2012 - July 24, 2012	
	TuTh 6:25pm - 10:00pm	DC C3
	This course will not meet on Thursday, July 5th.	

BUFN763 **Portfolio Management**

BUFN763 Portfolio Management; (2 credits) Grade Method: REG/AUD.
Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN700 or BUFN763. Formerly: BUFN700. Provides training that is important in understanding the investment process - the buy side of the financial world. Specifically, the objective is to provide graduate-level instruction in the following topics, both in theory and in using financial markets data to test the basic theory and practice of portfolio choice and equilibrium pricing models and their implications for efficient portfolios.

GS10	Kenneth Fuller	Seats (Total: 36)
	Meets June 26, 2012 - July 24, 2012	
	TuTh 6:25pm - 10:00pm	BLD2 3032
	This course will not meet on Thursday, July 5th.	

BUMK Marketing Summer 2012

BUMK715 **Consumer Behavior**

BUMK715 Consumer Behavior; (2 credits) Grade Method: REG. *Prerequisite: BUSI650. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BMGT754 or BUMK715. Formerly: BMGT754.* Analysis of customer decision-making and how marketing strategy can be used to influence those decisions. The framework is a buyer behavior model, in which concepts from psychology, sociology, and economics are applied to individual and organizational purchase decisions. Marketing strategies of leading firms in consumer products, technology, and services (including internet services) are analyzed using a variety of case study formats. Focus is consumer behavior; however, principles can also be applied to the decision-making of business.

DC10	Rosellina Ferraro	Seats (Total: 40)
	Meets May 29, 2012 - June 25, 2012	
	MW 6:25pm - 10:00pm	DC C3
GS10	Rebecca Ratner	Seats (Total: 36)
	Meets June 26, 2012 - July 24, 2012	
	TuTh 6:25pm - 10:00pm	BLD2 2032
	This course will not meet on Thursday, July 5th.	

BUMK716 **Brand Management**

BUMK716 Brand Management; (2 credits) Grade Method: REG.
Prerequisite: BUSI650. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business. Brand names are valuable assets for firms. Effective brand management is critical to maintaining the long-term profitability of products and services. Topics include understanding brands from the customer's perspective, building brand equity, measuring brand equity, leveraging brand equity, managing brand portfolios and managing brands over time.

GS10	Richard Newman	Seats (Total: 36)
	Meets May 29, 2012 - June 25, 2012	
	TuTh 6:25pm - 10:00pm	BLD2 3032

BUMK717 **Integrated Marketing Communications**

BUMK717 Integrated Marketing Communications; (2 credits) Grade Method: REG.
Prerequisite: BUSI650. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business. Marketing communications are a complex but critical component of marketing strategy. Topics include communication tools: advertising, sales promotions, corporation communications, one-on-one or direct marketing, public relations, internet communications, sponsorship/events marketing, and marketing communcation plans: defining objectives, implementing the plan, and measuring communications effectiveness. Achieving integration in the content, look, and feel of all marketing communications is stressed.

DC10	Robert Fiddler	Seats (Total: 36)
	Meets June 26, 2012 - July 24, 2012	
	TuTh 6:25pm - 10:00pm	DC C4
	This course will not meet on Thursday, July 5th.	

BUMK722 **Customer Equity Management**

BUMK722 Customer Equity Management; (2 credits) Grade Method: REG. *Prerequisite: BUSI650. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).* Focuses on managing customers of a business, whether in B2B or B2C space, as a portfolio of equity; understanding the current and future value of customers to the business; selective acquisition, development, and retention of customers using latest developments in information technology.

BA20	Pallassana Kannan	Seats (Total: 42)
	Meets July 28, 2012 - August 4, 2012	
	SaSu 9:00am - 6:00pm	BA 103
	Meets 7/28, 7/29, 8/4.	

BUMK736 **Service Marketing and Management**

BUMK736 Service Marketing and Management; (2 credits) Grade Method: REG. *Cannot be repeated for 3 credits. Prerequisite: BUSI 650.* Examines special challenges service marketing poses for managers because of the intangible, heterogeneous nature of the product, and the critical role of customer contact employees in service delivery. Strategies for meeting these challanges are addressed. Topics include 1) customer relationship management, 2) the design and execution of the service delivery process, 3) the development and implementation of employee customer service skills, 4) the measurement and management of critical outcome variables, such as customer satisfaction, customer equity, and customer lifetime value, and 5) the role of emerging technology in customer service.

BA10	Janet Wagner	Seats (Total: 36)
	Meets May 29, 2012 - June 25, 2012	
	TuTh 6:25pm - 10:00pm	BA 101

BUMK758J **Special Topics in Marketing; Pricing Strategies for Sustainable Competitive Advantage**

BUMK758J Special Topics in Marketing: Pricing Strategies for Sustainable Competitive Advantage; (2 credits) Grade Method: REG.

DC20	Pallassana Kannan	Seats (Total: 40)
	Meets July 30, 2012 - August 22, 2012	
	MW 6:25pm - 10:00pm	DC C2

BUMK758O **Special Topics in Marketing; Social Media and Internet Marketing**

BUMK758O Special Topics in Marketing: Social Media and Internet Marketing; (2 credits) Grade Method: REG.
Click here for course details.

GS10	Nancy Kaplan **Meets May 29, 2012 - June 25, 2012** MW 6:25pm - 10:00pm	Seats (Total: 36) BLD2 2032

BUMK758P **Special Topics in Marketing; New Product Development**

BUMK758P Special Topics in Marketing: New Product Development; (2 credits) Grade Method: REG.
Click here for more course information.

DC26	Cynthia Gilmer **Meets July 28, 2012 - August 11, 2012** Sa 9:00am - 6:00pm *Meets 7/28, 8/4, 8/11.*	Seats (Total: 40) DC C1
GS20	Yogesh Joshi **Meets July 26, 2012 - August 22, 2012** TuTh 6:25pm - 10:00pm	Seats (Total: 36) BLD2 2032

BUMK759 **Independent Study in Marketing**

BUMK759 *(PermReq)* **Independent Study in Marketing; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO Management and Organization Summer 2012

BUMO712 **Leadership Development**

BUMO712 Leadership Development; (3 credits) Grade Method: REG.
Prerequisite: BUSI664. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).
Focuses on developing skills to inspire, influence and organize others to accomplish key goals. Building on leadership theories, course includes assessment & role-playing activities, discussions, cases, and exercises to assess and develop personal capabilities.

BA20	Carol Graser	Seats (Total: 40)
	Meets July 28, 2012 - August 18, 2012	
	Sa 8:30am - 6:00pm	BA 104
	Meets 7/28, 8/4, 8/11, 8/18.	

BUMO714 **Competitive and Collaborative Negotiation**

Any remaining seats in BUMO courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUMO course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMAB School of Nursing.
For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.
BUMO714 Competitive and Collaborative Negotiation; (2 credits) Grade Method: REG.
Corequisite: Concurrently enrolled in BUMO715. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUMO714 or BMGT764. Formerly: BMGT764. Increase negotiating self-confidence and improve capacity to achieve win-win solutions to organizational problems. Improve effectiveness at finding creative solutions to conflict. Non-majors should review their registration eligibility in the statement preceding the BUMO courses.

BA10	Cynthia Stevens **Meets May 29, 2012 - June 25, 2012** TuTh 6:25pm - 10:00pm	Seats (Total: 40) BA 103
GS20	Gosia Langa **Meets July 26, 2012 - August 22, 2012** MW 6:25pm - 10:00pm	Seats (Total: 40) BLD2 2032

BUMO720 **Understanding Organizational Change**

BUMO720 Understanding Organizational Change; (2 credits) Grade Method: REG.
Prerequisite: BUSI664 or BUSI662. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Develops the fundamental change knowledge and skills of MBA students who plan to work with organizations as change agents, whether internally as managerial employees or externally as outside consultants. Draws on literatures from organizational behavior, human resource management and strategic management to identify models as prescriptions of change.

DC16	James Spina **Meets June 2, 2012 - July 21, 2012** Sa 8:45am - 1:00pm *Meets 6/2, 6/9, 6/16, 6/30, 7/7, 7/14, Final 7/21.*	Seats (Total: 36) DC C3

BUMO721 **Managing Organizational Change**

BUMO721 Managing Organizational Change; (2 credits) Grade Method: REG.
Prerequisite: BUMO720. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Develops the advanced knowledge and skills of MBA students who plan to work with organizations as change agents. Concrete and useful strategies, tools, and interventions for diagnosing organizational change situations, analyzing problems, and designing and implementing organizational change. Diverse approaches to leading and managing various types of organizational change.

DC26	Mary Taylor	Seats (Total: 36)
	Meets July 28, 2012 - August 18, 2012	
	SaSu 9:00am - 4:15pm	DC C2
	Meets 7/28, 8/11, 8/12, 8/18.	

BUMO751 **Implementing Strategy: Organizing to Compete**

BUMO751 Implementing Strategy: Organizing to Compete; (2 credits) Grade Method: REG.
Prerequisite: Completed or be concurrently enrolled in BUSI690. And Must have completed MBA core requirements; or permission of BMGT-Robert H. Smith School of Business. Organizational dynamics of competitive advantage. Impact of alternative organizational structures, planning and control systems, human resource management practices, and executive leadership styles on the implementation of archetypically different strategies. Non-majors should review their registration eligibility in the statement preceding the BUMO courses.

BA10	Gosia Langa	Seats (Total: 36)
	Meets June 26, 2012 - July 24, 2012	
	MW 6:25pm - 10:00pm	BA 103
	This course will meet on Thursday, July 5th to make up for the July 4th Holiday.	

BUMO753 **Emerging Business Formation**

BUMO753 Emerging Business Formation; (2 credits) Grade Method: REG/AUD.
Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Business formation issues, legal obligations that affect entrepreneurial activities, the spectrum of financing methods available to emerging businesses, creating management and organization and a practical application of the tools through practical projects.

DC20	Jonathan Aberman	Seats (Total: 40)
	Meets July 26, 2012 - August 21, 2012	
	TuTh 6:25pm - 10:00pm	DC C2

BUMO756 **Industry Analysis**

BUMO756 Industry Analysis; (2 credits) Grade Method: REG.
Recommended: BUSI690. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BMGT792 or BUMO756. Formerly: BMGT792. Conceptual framework and analytical tools for understanding the dynamics of industry structure. Impacts of past and future attractiveness of the industry on profitability. Developing and applying frameworks to devise competitive strategies in uncertain industries.

GS10	Martin Sullivan	Seats (Total: 36)
	Meets May 29, 2012 - June 25, 2012	
	MW 6:25pm - 10:00pm	BLD2 3032

BUMO757 **Competitor Analysis**

BUMO757 Competitor Analysis; (2 credits) Grade Method: REG.
Recommended: BUSI690. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Understanding of the dynamics of how competitors interact in the marketplace. Understanding economic and behavioral motivations of industry players to design more effective strategies.

GS10	Rhonda Reger	Seats (Total: 36)
	Meets June 26, 2012 - July 24, 2012	
	MW 6:25pm - 10:00pm	BLD3 4202
	This course will meet on Thursday, July 5th to make up for the July 4th Holiday.	

BUMO758D **Special Topics in Management and Organization; Social Entrepreneurship**

BUMO758D Special Topics in Management and Organization: Social Entrepreneurship; (2 credits) Grade Method: REG.
Click here for more course information.

DC26	James Sanders	Seats (Total: 36)
	Meets July 28, 2012 - August 18, 2012	
	Sa 9:00am - 4:15pm	DC C4
	Meets 7/28, 8/4, 8/11, 8/18.	

BUMO758F **Special Topics in Management and Organization; Entrepreneurial Issues in Family and Closely-Held Businesses**

BUMO758F Special Topics in Management and Organization: Entrepreneurial Issues in Family and Closely-Held Businesses; (2 credits) Grade Method: REG. Family and closely-held businesses are the largest employer and wealth creator in the US economy. This class provides students with effective working in and advising these unique businesses. Topics addressed will include: the unique aspects of family-owned businesses, legal and financial issues,generational conflict and resolution, transitions corporate governance, use of outside advisors and specific growth strategies.

DC10	Jonathan Aberman **Meets May 29, 2012 - June 25, 2012** MW 6:25pm - 10:00pm	Seats (Total: 36) DC C4

BUMO758G **Special Topics in Management and Organization; Innovation Management**

BUMO758G Special Topics in Management and Organization: Innovation Management; (2 credits) Grade Method: REG.

BA10	Oliver Schlake **Meets June 26, 2012 - July 24, 2012** TuTh 6:25pm - 10:00pm *This course will not meet on Thursday, July 5th.*	Seats (Total: 36) BA 101
DC10	Oliver Schlake **Meets May 30, 2012 - June 21, 2012** TuTh 6:25pm - 10:00pm	Seats (Total: 40) DC C3

BUMO758K **Special Topics in Management and Organization; Management Consulting**

BUMO758K Special Topics in Management and Organization: Management Consulting; (2 credits) Grade Method: REG.

DC20	Paul Silverman **Meets July 26, 2012 - August 22, 2012** MW 6:25pm - 10:00pm	Seats (Total: 45) DC C3

BUMO759 **Independent Study in Management and Organization**

BUMO759 *(PermReq)* **Independent Study in Management and Organization; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO796 **Leadership and Human Resource Management for Accountants and Auditors**

BUMO796 Leadership and Human Resource Management for Accountants and Auditors; (3 credits) Grade Method: REG.
Restriction: Must be in Business and Management (Master's) program. Develops the concepts, frameworks, and skills that are important to be effective leaders and to successfully manage human resources. Topics for discussion include: Creating a motivating and empowering environment; leadership attributes, power and effective influence; building effective decision-making; strategic management of human resources; specification of the skills and competencies requisite for job success; recruiting and selecting employees to fit the job and the organization; measuring, appraising and improving performance. All of the topics selected for discussion are critical ones that every professional needs to know, regardless of functional area (not just HR professionals), and will help students become more effective consultants, managers and leaders.

GS26	Martin Sullivan	Seats (Total: 61)
	Meets July 14, 2012 - August 18, 2012	
	Sa 8:30am - 5:00pm	BLD2 2032
	Meets 7/14, 7/21, 7/28, 8/4, 8/11, Final 8/18. For MS in Acccounting students only.	

BUSI Part-Time MBA Program Summer 2012

BUSI611 **Managerial Accounting**

Any remaining seats in BUSI courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB- accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUSI course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMB BioPark Two

For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.

BUSI611 *(PermReq)* **Managerial Accounting; (2 credits)** Grade Method: REG. *Prerequisite: BUSI610. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).* Use of accounting data in corporate planning and control. Cost-volume- profit analysis, budgeting, pricing decisions and cost data, transfer pricing, activity-based management, performance measures, and standard costing. Non-majors should review their registration eligibility in the statement preceding the BUSI courses. (Except: BUSI 611 Section 01D6, please see notes under section 01D6).

BA10	Michael Finch **Meets May 30, 2012 - July 25, 2012** Tu 6:25pm - 10:00pm	Seats (Total: 0) BA 104
DC10	Michael Finch **Meets May 30, 2012 - July 25, 2012** W 6:25pm - 10:00pm	Seats (Total: 0) DC C1
DC11	Michael Finch **Meets May 30, 2012 - July 25, 2012** Th 6:25pm - 10:00pm	Seats (Total: 0) DC C1
DC16	Michael Finch **Meets June 2, 2012 - July 21, 2012** Sa 8:45am - 1:00pm *Meets 6/2, 6/9, 6/16, 6/30, 7/7, 7/14, Final 7/21.*	Seats (Total: 0) DC C1

GS10	Michael Finch	Seats (Total: 0)
	Meets May 30, 2012 - July 25, 2012	
	M 6:25pm - 10:00pm	BLD3 3241

BUSI660 **Entrepreneurship and New Ventures**

BUSI660 Entrepreneurship and New Ventures; (2 credits) Grade Method: REG. *Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUMO732 or BUSI660.* Provides an introduction to important tools and skills necessary to create and grow a successful new venture. Integrates research findings from a range of different practical and intellectual perspectives, including psychology, sociology, economics, strategic management, and history into practical, hands on lessons for an entrepreneur. Class projects provide the foundations for new, real businesses.

DC16	Oliver Schlake	Seats (Total: 40)
	Meets June 2, 2012 - July 21, 2012	
	Sa 2:00pm - 6:15pm	DC C3
	Meets 6/2, 6/9, 6/16, 6/30, 7/7, 7/14, Final 7/21.	

BUSI683 **The Global Economic Environment**

BUSI683 *(PermReq)* **The Global Economic Environment; (2 credits)** Grade Method: REG.
Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Relationship between national and international economic environments. Determinants of output, interest rates, prices and exchange rates. Analysis of effect of economic policies (fiscal, monetary, trade, tax) on the firm and the economy. Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

BA10	Bennet Zelner	Seats (Total: 0)
	Meets May 30, 2012 - July 25, 2012	
	Th 6:25pm - 10:00pm	BA 104
DC10	Bennet Zelner	Seats (Total: 0)
	Meets May 30, 2012 - July 25, 2012	
	M 6:25pm - 10:00pm	DC C1

DC11	Charles Olson **Meets May 30, 2012 - July 25, 2012** Tu 6:25pm - 10:00pm	Seats (Total: 0) DC C1
DC16	Bennet Zelner **Meets June 2, 2012 - July 21, 2012** Sa 2:00pm - 6:15pm *Meets 6/2, 6/9, 6/16, 6/30, 7/7, 7/14, Final 7/21.*	Seats (Total: 0) DC C1
GS10	Charles Olson **Meets May 30, 2012 - July 25, 2012** W 6:25pm - 10:00pm	Seats (Total: 0) BLD3 3241

BUSI698 **MBA Consulting Project**
Contact department for information to register for this course.

BUSI759 **Independent Study in Business**

BUSI759 *(PermReq)* **Independent Study in Business; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUSI764 **Business Law for Managers**

BUSI764 Business Law for Managers; (2 credits) Grade Method: REG. *Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business. Credit only granted for: BMGT793 or BUSI764. Formerly: BMGT793.* Survey of United States legal institutions and processes as well as substantive areas of the law that affect business. Examination of tort and contract law, the legal forms of business organization and legal liability and major regulatory laws that affect business.

DC10	William McClenahan **Meets June 26, 2012 - July 24, 2012** MW 6:25pm - 10:00pm *Final Exam will be held Wednesday, July 25.*	Seats (Total: 36) DC C3

BUSI771 **New Venture Financing**

BUSI771 New Venture Financing; (2 credits) Grade Method: REG.
Prerequisite: BUSI640; or permission of BMGT-Robert H. Smith School of Business. Credit only granted for: BMGT740 or BUSI771. Formerly: BMGT740. Development of skills for financing new ventures (both small and potentially large). Exploration of various funding sources. Criteria used in evaluation and decision process, including commercial banks, venture capital companies, small business investment companies, underwriters, private placement-financial consultants, mortgage bankers, and small business innovative research grants (U.S. Government). Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

GS10	Andrew Sherman	Seats (Total: 36)
	Meets May 29, 2012 - June 25, 2012	
	TuTh 6:25pm - 10:00pm	BLD3 4202

BUSI785 **Project Management in Dynamic Environments**

BUSI785 Project Management in Dynamic Environments; (2 credits) Grade Method: REG.
Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business. Addresses project management skills that are required by successful managers in increasingly competitive and faster-moving environments. Examines fundamental concepts of successful project management, and the technical and managerial issues, methods, and techniques.

DC10	Pamela Armstrong	Seats (Total: 36)
	Meets May 31, 2012 - July 19, 2012	
	Th 6:25pm - 10:00pm	DC C2

BUSI798D **Global Business Experience; Leading and Managing Organizations_Denmark**
Contact department for information to register for this course.

BUSI798K **Global Business Experience; Doing Business in the U.K. and Iceland: The Financial Meltdown**
Contact department for information to register for this course.

BUSI799 **Masters Thesis Research**

BUSI799 *(PermReq)* **Masters Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS Criminology and Criminal Justice Summer 2012

CCJS100 **Introduction to Criminal Justice**

CCJS100 Introduction to Criminal Justice; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Introduction to the administration of criminal justice in a democratic society, with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement; functions and specific activities; planning and research; public relations; personnel and training; inspection and control; direction; policy formulation.

0101	Arnett Gaston **Meets May 29, 2012 - July 8, 2012** MTuWTh 11:00am - 12:40pm	Seats (Total: 60) TYD 0102
0201	Margaret Hardy **Meets July 9, 2012 - August 19, 2012** MTuWTh 1:00pm - 2:40pm	Seats (Total: 37) TYD 2106
XA21	Margaret Hardy **Meets July 9, 2012 - August 19, 2012** MTuWTh 1:00pm - 2:40pm	Seats (Total: 0) TYD 2106

CCJS105 **Introduction to Criminology**

CCJS105 Introduction to Criminology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Criminal behavior and the methods of its study; causation; typologies of criminal acts and offenders; punishment, correction and incapacitation; prevention of crime.

0101	Stephen McGuinn **Meets May 29, 2012 - July 8, 2012** MTuWTh 5:00pm - 6:40pm	Seats (Total: 50) KEY 1117
0201	Sarah Greenman **Meets July 9, 2012 - August 19, 2012** MTuWTh 9:00am - 10:40am	Seats (Total: 37) KEY 0102
XA21	Sarah Greenman **Meets July 9, 2012 - August 19, 2012** MTuWTh 9:00am - 10:40am	Seats (Total: 0) KEY 0102

CCJS200 **Statistics for Criminology and Criminal Justice**

CCJS200 *(PermReq)* **Statistics for Criminology and Criminal Justice; (3 credits)** Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning. *Prerequisite: CCJS100 or CCJS105; and minimum grade of C- in MATH111. Restriction: Must be in Criminology and Criminal Justice program; or permission of BSOS-Criminology & Criminal Justice department. Credit only granted for: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200 or SOCY201.* Introduction to descriptive and inferential statistics, graphical techniques, and the computer analysis of criminology and criminal justice data. Basic procedures of hypothesis testing, correlation and regression analysis, and the analysis of continuous and binary dependent variables. Emphasis upon the examination of research problems and issues in criminology and criminal justice.

0101	Alan Lehman **Meets May 29, 2012 - July 8, 2012** MTuWTh 1:00pm - 2:40pm	Seats (Total: 50) LEF 2166
0201	Jaclyn Smith **Meets July 9, 2012 - August 19, 2012** MTuWTh 11:00am - 12:40pm	Seats (Total: 50) TYD 2106

CCJS300 **Criminological and Criminal Justice Research Methods**

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: CCJS100 and CCJS105; and (PSYC200, CCJS200, ECON321, BMGT230, or SOCY201). Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings.

0101	Laure Brooks **Meets May 29, 2012 - July 8, 2012** MTuWTh 9:00am - 10:40am	Seats (Total: 50) LEF 2166
0201	Melissa Rorie **Meets July 9, 2012 - August 19, 2012** MTuWTh 11:00am - 12:40pm	Seats (Total: 50) ASY 1213

CCJS320 **Introduction to Criminalistics**

CCJS320 *(PermReq)* **Introduction to Criminalistics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 and CCJS230. An introduction to modern methods used in the detection, investigation and solution of crimes. Practical analysis of evidence in a crime laboratory, including fingerprints and other impressions, firearms ID and ballistics, hairs and fibers, document examination, and use of polygraph. There are lab fees associated with this course.

0101	Thomas Mauriello **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 25) MMH 2401
0201	Thomas Mauriello **Meets July 9, 2012 - August 19, 2012** MW 6:00pm - 9:00pm Contact instructor or department for details.	Seats (Total: 25) MMH 2401

CCJS350 **Juvenile Delinquency**

CCJS350 *(PermReq)* **Juvenile Delinquency; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS105. Juvenile delinquency in relation to the general problem of crime; analysis of factors underlying juvenile delinquency; treatment and prevention; organization and social responsibility of law enforcement.

0101	Christine Roberts White	Seats (Total: 50)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 3:00pm - 4:40pm	LEF 2208

CCJS359 **Field Training in Criminology and Corrections**

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS386 **Experiential Learning**

CCJS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of BSOS-Criminology & Criminal Justice department; and Junior standing or higher.

Contact department for information to register for this course.

CCJS398 **Law Enforcement Field Training; LAW ENFORCEMENT FIELD TRAINING**

CCJS398 *(PermReq)* **Law Enforcement Field Training: LAW ENFORCEMENT FIELD TRAINING; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS399 **Independent Study in Criminology and Criminal Justice**

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS418C **Seminar in Criminology and Criminal Justice; Offender Decision Making and Changing Sanctions: Northern Ireland as a Case**

Contact department for information to register for this course.

CCJS452 **Treatment of Criminals and Delinquents**

CCJS452 *(PermReq)* **Treatment of Criminals and Delinquents; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS300. And CCJS350 or CCJS105; or permission of BSOS-Criminology & Criminal Justice department. Processes and methods used to modify criminal and delinquent behavior.

0101	Arnett Gaston	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 1:00pm - 2:40pm	TYD 0102

CCJS454 **Contemporary Criminological Theory**

CCJS454 *(PermReq)* **Contemporary Criminological Theory; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS350, CCJS300, and CCJS105. Brief historical overview of criminological theory up to the 50's. Deviance. Labeling. Typologies. Most recent research in criminalistic subcultures and middle class delinquency. Recent proposals for "decriminalization".

0201	Kathryn Kozey	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	MTuWTh 9:00am - 10:45am	SQH 1105

CCJS604 **Policy Analysis Project**

Contact department for information to register for this course.

CCJS678B **Advanced Topics in Criminology and Criminal Justice; Alternatives to Criminal Processing**

CCJS678B Advanced Topics in Criminology and Criminal Justice: Alternatives to Criminal Processing; (3 credits) Grade Method: REG/AUD.

CH20	Guoping Zhang	Seats (Total: 1)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

CCJS678E **Advanced Topics in Criminology and Criminal Justice; Seminar in Criminal Procedure Law**
Contact department for information to register for this course.

CCJS678G **Advanced Topics in Criminology and Criminal Justice; Criminal Justice System in China**
Contact department for information to register for this course.

CCJS678J **Advanced Topics in Criminology and Criminal Justice; Jurisprudence**

CCJS678J Advanced Topics in Criminology and Criminal Justice: Jurisprudence; (3 credits) Grade Method: REG/AUD.

CH02	Wanghong Liu	Seats (Total: 1)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

CCJS678P **Advanced Topics in Criminology and Criminal Justice; Criminal Processing**
Contact department for information to register for this course.

CCJS699 **Special Criminological Problems**

CCJS699 Special Criminological Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS699R **Special Criminological Problems; Policy Analysis**
Contact department for information to register for this course.

CCJS799 **Master's Thesis Research**

CCJS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS899 **Doctoral Dissertation Research**

CCJS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHBE Chemical and Biomolecular Engineering Summer 2012

CHBE101 **Introduction to Chemical and Biomolecular Engineering**

CHBE101 Introduction to Chemical and Biomolecular Engineering; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHEM135; or students who have taken courses with similar or comparable course content may contact the department. Corequisite: Concurrently enrolled in MATH141. Restriction: Must be in Engineering: Chemical program; or permission of ENGR-Chemical & Biomolecular Engineering department. Credit only granted for: CHBE101 or ENCH215. Formerly: ENCH215. Introduction to methods of chemical engineering calculations and analysis. Stoichiometric relations, material and energy balances, and behavior of gases, vapors, liquids and solids. Analytical and computer methods.

0101	Chia-Ying Chiang	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	MW 1:00pm - 4:30pm	CHM 1224

CHBE250 **Computer Methods in Chemical Engineering**

CHBE250 Computer Methods in Chemical Engineering; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHBE101; and completed or be concurrently enrolled in MATH246. Restriction: Must be in a major within ENGR-Chemical & Biomolecular Engineering department. Credit only granted for: CHBE250 or ENCH250. Formerly: ENCH250. Algorithm development and application of software to the analysis of chemical engineering problems. File management and editing, graphics and numerical methods. Use of spreadsheets, statistics/math software and process simulators for the design of chemical process equipment.

0201	Nam Sun Wang	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 9:00am - 12:30pm	CHE 2136

CHBE301 **Chemical and Biomolecular Engineering Thermodynamics I**

CHBE301 Chemical and Biomolecular Engineering Thermodynamics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHBE101. Corequisite: Concurrently enrolled in CHBE250 and MATH241. Restriction: Must be in Engineering: Chemical program; and permission of ENGR-Chemical & Biomolecular Engineering department. Credit only granted for: ENCH300 or CHBE301. Formerly: ENCH300. Principles of thermodynamics and their application to engineering problems. First and second laws of thermodynamics, properties of gases, liquids and solids, phase equilibrium, flow and non-flow systems, energy conversion, production of work from heat, thermodynamic analysis of processes, equilibrium stage operations and the thermodynamics of chemically reacting systems.

0201	Bani Cipriano	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	MWF 9:00am - 12:00pm	CHE 2136

CHEM Chemistry Summer 2012

CHEM131 **Chemistry I - Fundamentals of General Chemistry**

CHEM131 Chemistry I - Fundamentals of General Chemistry; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with CHEM132).
Prerequisite: Must have math eligibility of MATH111 or higher. Corequisite: Concurrently enrolled in CHEM132. Credit only granted for: CHEM103, CHEM131, CHEM135, CHEM143 or CHEM146. Formerly: CHEM103. An overview of the Periodic Table, inorganic substances, ionic and covalent bonding, bulk properties of materials, chemical equilibrium, and quantitative chemistry. CHEM131 is the first course in a four-semester sequence for students majoring in the sciences, other than Chemistry and Biochemistry majors.

0131	Earle Stone	Seats (Total: 34)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 8:00am - 9:20am	CHM 1402	
	TuTh 10:00am - 11:20am	CHM 1224	Discussion
0132	Earle Stone	Seats (Total: 34)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 8:00am - 9:20am	CHM 1402	
	TuTh 10:00am - 11:20am	CHM 2201	Discussion
0138	Natalia White	Seats (Total: 34)	
	Meets May 29, 2012 - August 19, 2012		
	Tu 6:30pm - 9:30pm	CHM 1224	
	Th 6:30pm - 7:20pm	CHM 1224	Discussion

CHEM132 **General Chemistry I Laboratory**

CHEM132 General Chemistry I Laboratory; (1 credit) Grade Method: REG/P-F. *Corequisite: Concurrently enrolled in CHEM131. Credit only granted for: CHEM103, CHEM132, CHEM136, CHEM143, or CHEM147. Formerly: CHEM103.* Introduction to the quanitification of chemical substances, including the concept of the mole and chemical stoichiometry. Additional work involves the synthesis of ionic substances and their qualitative characterization. Must be taken concurrently with CHEM131. Students must pay a $40.00 lab materials fee.

0131	Earle Stone	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MWF 9:30am - 12:20pm	CHM 1110	Lab
0132	Earle Stone	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MWF 9:30am - 12:20pm	CHM 1106	Lab
0138	Natalia White	Seats (Total: 24)	
	Meets May 29, 2012 - August 19, 2012		
	Th 7:30pm - 10:20pm	CHM 1110	Lab

CHEM231 **Organic Chemistry I**

CHEM231 Organic Chemistry I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: CHEM131 and CHEM132; or (CHEM135 and CHEM136); or (CHEM146 and CHEM147); or Must have completed CHEM113 or CHEM153. And A grade of C- or better in the prerequisites is required of College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Restriction: Must not have completed CHEM233; and must not have completed CHEM237. Credit only granted for: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly: CHEM233.* The chemistry of carbon: aliphatic compounds, aromatic compounds, stereochemistry, arenes, halides, alcohols, esters and spectroscopy.

0171	Bonnie Dixon **Meets May 29, 2012 - July 8, 2012** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 28) CHM 1407 HBK 0115	 Discussion
0172	Bonnie Dixon **Meets May 29, 2012 - July 8, 2012** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 28) CHM 1407 CHM 0122	 Discussion
0173	Bonnie Dixon **Meets May 29, 2012 - July 8, 2012** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 28) CHM 1407 MTH B0429	 Discussion
0174	Bonnie Dixon **Meets May 29, 2012 - July 8, 2012** MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	Seats (Total: 28) CHM 1407 CHM 0128	 Discussion
0178	Howard Fribush **Meets May 29, 2012 - August 19, 2012** Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	Seats (Total: 29) PLS 1130 CHM 1228	 Discussion
0179	Howard Fribush **Meets May 29, 2012 - August 19, 2012** Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	Seats (Total: 28) PLS 1130 CHM 0122	 Discussion

0271	Daniel Steffek **Meets July 9, 2012 - August 19, 2012** MTuWThF 8:00am - 9:20am TuTh 9:30am - 10:50am	Seats (Total: 23) CHM 1407 CHM 1228	 Discussion
0272	Daniel Steffek **Meets July 9, 2012 - August 19, 2012** MTuWThF 8:00am - 9:20am TuTh 9:30am - 10:50am	Seats (Total: 20) CHM 1407 CHM 0124	 Discussion

CHEM232 **Organic Chemistry Laboratory I**

CHEM232 Organic Chemistry Laboratory I; (1 credit) Grade Method: REG. *Prerequisite: CHEM131 and CHEM132; or (CHEM135 and CHEM136); or (CHEM146 and CHEM147); or Must have completed CHEM113 or CHEM153. And A grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: Concurrently enrolled in CHEM231. Restriction: Must not have completed CHEM237 or CHEM104; and Must not have completed CHEM233. Credit only granted for: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly: CHEM233.* Provides experience in developing some basic laboratory techniques, recrystallizaton, distillation, extraction, chromatography. Students must pay a $40.00 Laboratory Materials fee.

0171	Maryann Jones **Meets May 29, 2012 - July 8, 2012** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1360	 Lab
0172	Maryann Jones **Meets May 29, 2012 - July 8, 2012** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1356	 Lab
0173	Maryann Jones **Meets May 29, 2012 - July 8, 2012** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1346	 Lab
0174	Maryann Jones **Meets May 29, 2012 - July 8, 2012** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1342	 Lab

0178	Maryann Jones **Meets May 29, 2012 - August 19, 2012** Th 7:30pm - 10:20pm	Seats (Total: 18) CHM 1360	 Lab
0179	Maryann Jones **Meets May 29, 2012 - August 19, 2012** Th 7:30pm - 10:20pm	Seats (Total: 18) CHM 1356	 Lab
0271	Maryann Jones **Meets July 9, 2012 - August 19, 2012** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1360	 Lab
0272	Maryann Jones **Meets July 9, 2012 - August 19, 2012** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1356	 Lab

CHEM241 **Organic Chemistry II**

CHEM241 Organic Chemistry II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: CHEM231 and CHEM232; or CHEM237; or Must have completed CHEM233. And A grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Restriction: Must not have completed CHEM247; and Must not have completed CHEM243. Credit only granted for: CHEM241, CHEM243 or CHEM247. Formerly: CHEM243.* A continuation of CHEM231 with emphasis on molecular structure; substitution reactions; carbonium ions; aromaticity; synthetic processes; macromolecules.

0191	Bonnie Dixon **Meets May 29, 2012 - July 8, 2012** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1407 CHM 0127	 Discussion
0192	Bonnie Dixon **Meets May 29, 2012 - July 8, 2012** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1407 CHM 0115	 Discussion

0291	Daniel Steffek **Meets July 9, 2012 - August 19, 2012** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 20) CHM 1407 CHM 0127	 Discussion
0292	Daniel Steffek **Meets July 9, 2012 - August 19, 2012** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 20) CHM 1407 CHM 0128	 Discussion
0293	Daniel Steffek **Meets July 9, 2012 - August 19, 2012** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 20) CHM 1407 CHE 2145	 Discussion

CHEM242 **Organic Chemistry Laboratory II**

CHEM242 Organic Chemistry Laboratory II; (1 credit) Grade Method: REG. *Prerequisite: CHEM231 and CHEM232; or CHEM237; or Must have completed CHEM233. And A grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: Concurrently enrolled in CHEM241. Restriction: Must not have completed CHEM247; and Must not have completed CHEM243. Credit only granted for: CHEM243 or CHEM247. Formerly: CHEM243.* Synthetic organic chemistry through functional group manipulation, introduction to instrumentation essential to analysis and structure elucidation. Students must pay a $40.00 Laboratory Materials fee.

0191	Maryann Jones **Meets May 29, 2012 - July 8, 2012** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1326	 Lab
0192	Maryann Jones **Meets May 29, 2012 - July 8, 2012** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1330	 Lab
0291	Maryann Jones **Meets July 9, 2012 - August 19, 2012** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1326	 Lab

0292	Maryann Jones **Meets July 9, 2012 - August 19, 2012** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1330	 Lab
0293	Robin Alonge, Maryann Jones **Meets July 9, 2012 - August 19, 2012** MWF 8:00am - 10:50am	Seats (Total: 18) CHM 1308	 Lab

CHEM271 **General Chemistry and Energetics**

CHEM271 General Chemistry and Energetics; (2 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHEM241 and CHEM242; or CHEM247. And A grade of C- or better in the prerequisites for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: Concurrently enrolled in CHEM272. Restriction: Must not have completed CHEM113. Credit only granted for: CHEM113, CHEM153, CHEM271 or CHEM276. Formerly: CHEM113. An introduction to the physical aspects of chemistry; chemical kinetics, thermodynamics and electrochemistry in the context of current chemistry research.

0141	Lee Friedman **Meets May 29, 2012 - July 8, 2012** MWF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 24) CHM 1402 CHM 0124	 Discussion
0142	Lee Friedman **Meets May 29, 2012 - July 8, 2012** MWF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 24) CHM 1402 CHM 0119	 Discussion

CHEM272 **General Bioanalytical Chemistry Laboratory**

CHEM272 General Bioanalytical Chemistry Laboratory; (2 credits) Grade Method: REG/P-F.
Prerequisite: CHEM241 and CHEM242; or CHEM247. And A grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: Concurrently enrolled in CHEM271. Credit only granted for: CHEM227, CHEM272 or CHEM277. An introduction to analytical chemistry with an emphasis on bio-analytical instrumentation and techniques. Students must pay a $40.00 laboratory materials fee.

0141	Lee Friedman **Meets May 29, 2012 - July 8, 2012** TuTh 11:00am - 12:20pm MWF 8:00am - 10:50am	Seats (Total: 24) CHM 1402 CHM 1112	 Lab
0142	Lee Friedman **Meets May 29, 2012 - July 8, 2012** TuTh 11:00am - 12:20pm MWF 8:00am - 10:50am	Seats (Total: 24) CHM 1402 CHM 1128	 Lab

CHEM398 **Special Projects**

CHEM398 Special Projects; (2 credits) Grade Method: REG/P-F/AUD.

0141	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)	
0241	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)	

CHEM399 **Introduction to Chemical Research**

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM399A **Introduction to Chemical Research**

CHEM399A Introduction to Chemical Research; (1-3 credits) Grade Method: REG/P-F/AUD.

0112	Bryan Eichhorn **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0141	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0212	Bryan Eichhorn **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0241	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

CHEM399B **Introduction to Chemical Research**

CHEM399B Introduction to Chemical Research; (1-3 credits) Grade Method: REG/P-F/AUD.

0141	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0176	Theodore Dayie **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0241	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0276	Theodore Dayie **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

CHEM399C **Introduction to Chemical Research**

CHEM399C Introduction to Chemical Research; (1-3 credits) Grade Method: REG/P-F/AUD.

0141	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0241	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

CHEM399X **Introduction to Chemical Research**

CHEM399X Introduction to Chemical Research; (3 credits) Grade Method: REG/P-F/AUD.

0101	Herman Ammon **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0201	Herman Ammon **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

CHEM699 **Special Problems in Chemistry**

CHEM699 Special Problems in Chemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM799 **Master's Thesis Research**

CHEM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM898 **Pre-Candidacy Research**

CHEM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

CHEM899 **Doctoral Dissertation Research**

CHEM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHIN Chinese Summer 2012

CHIN169A **Special Topics in Study Abroad I; Elementary Chinese I**
Contact department for information to register for this course.

CHIN169B **Special Topics in Study Abroad I; Elementary Chinese II**
Contact department for information to register for this course.

CHIN169C **Special Topics in Study Abroad I; Introduction to Chinese Language I**
Contact department for information to register for this course.

CHIN169D **Special Topics in Study Abroad I; Introduction to Chinese Lanuage II**
Contact department for information to register for this course.

CHIN201 **Intermediate Spoken Chinese I**
Contact department for information to register for this course.

CHIN202 **Intermediate Written Chinese I**
Contact department for information to register for this course.

CHIN203 **Intermediate Spoken Chinese II**
Contact department for information to register for this course.

CHIN204 **Intermediate Written Chinese II**
Contact department for information to register for this course.

CHIN213 **Chinese Poetry into English: An Introduction**

CHIN213 Chinese Poetry into English: An Introduction; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities.
Issues in the intercultural and interlingual interpretation of foreign literature through the study of Western translations of and scholarship on selected Chinese poets. No knowledge of Chinese required.

0501	Huichun Liang	Seats (Total: 25)
	Meets June 18, 2012 - July 6, 2012	
	MTuWTh 9:00am - 12:25pm	PLS 1184
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	
0502	Huichun Liang	Seats (Total: 25)
	Meets June 18, 2012 - July 6, 2012	
	MTuWTh 1:00pm - 4:25pm	PLS 1184
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

CHIN220 **Beginning Chinese Calligraphy**

CHIN220 Beginning Chinese Calligraphy; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Credit only granted for: CHIN220 or CHIN331. Introduction to techniques, history, and culture of Chinese calligraphy. Extensive hands-on practice. Taught in English.

0301	Yuli Wang	Seats (Total: 25)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 12:00pm - 3:00pm	JMZ 0205

CHIN269A **Special Topics in Study Abroad II; China: Exploring Confucius China**
Contact department for information to register for this course.

CHIN269B **Special Topics in Study Abroad II; Chinese Business Issues and Practices**

	Contact department for information to register for this course.
CHIN269I	**Special Topics in Study Abroad II; Intermediate Spoken Chinese I** **Contact department for information to register for this course.**
CHIN269J	**Special Topics in Study Abroad II; Intermediate Chinese I** **Contact department for information to register for this course.**
CHIN269K	**Special Topics in Study Abroad II; Intermediate Chinese II** **Contact department for information to register for this course.**
CHIN269P	**Special Topics in Study Abroad II; The China Phenomenon: Society, Politics and Business** **Contact department for information to register for this course.**
CHIN269V	**Special Topics in Study Abroad II; Chinese Calligraphy I** **Contact department for information to register for this course.**
CHIN269W	**Special Topics in Study Abroad II; Chinese Calligraphy II** **Contact department for information to register for this course.**
CHIN269Z	**Special Topics in Study Abroad II; Modern Chinese Culture and Society** **Contact department for information to register for this course.**
CHIN301	**Advanced Chinese I** **Contact department for information to register for this course.**
CHIN302	**Advanced Chinese II** **Contact department for information to register for this course.**
CHIN369B	**Special Topics in Study Abroad III; Advanced Chinese I** **Contact department for information to register for this course.**
CHIN369C	**Special Topics in Study Abroad III; Advanced Chinese II** **Contact department for information to register for this course.**

CLAS Classics Summer 2012

CLAS170	**Greek and Roman Mythology**

CLAS170 Greek and Roman Mythology; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Also offered as: RELS170. Credit only granted for: CLAS170 or RELS170. Additional information: This course cannot be taken for language credit. An introduction to the mythology of ancient Greece and Rome. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.

0101	Jason Edwards **Meets May 29, 2012 - July 8, 2012** MTh 5:00pm - 8:45pm	Seats (Total: 30) MMH 0108
0201	Michael Leary **Meets July 9, 2012 - August 19, 2012** MTuWTh 10:00am - 11:40am	Seats (Total: 17) SQH 1107
0202	William Proffitt **Meets July 9, 2012 - August 19, 2012** MTh 5:00pm - 8:20pm	Seats (Total: 30) SQH 1101
WB11	Gregory Staley **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 26) ONLINE
XA21	Michael Leary **Meets July 9, 2012 - August 19, 2012** MTuWTh 10:00am - 11:40am	Seats (Total: 0) SQH 1107

CLAS171 **Classical Myths in Europe**
Contact department for information to register for this course.

CLAS289A **Are We Rome?**

CLAS289A Are We Rome?; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Humanities; Signature Courses - I-Series.
In the year of Americas creation, 1776, Edward Gibbon published The History of the Decline and Fall of the Roman Empire. Ever since, Americans have been asking themselves what the history of Rome has to teach them about the future of America. This course will explore that question by using the Roman experience to think about questions such as imperialism, globalization, multiculturalism, democracy, and popular culture. We will look at Romes impact on our constitution, our architecture, our sports, our movies, and our capitol city, Washington, the new Rome.

0101	Gregory Staley	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MTh 5:30pm - 9:15pm	MMH 1218

CLAS308L **The Classics in Context; Greece: The Living Legacy**
Contact department for information to register for this course.

CLAS499 **Independent Study in Classical Languages and Literatures**

CLAS499 *(PermReq)* **Independent Study in Classical Languages and Literatures; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS499P **Independent Study in Classical Languages and Literatures; Classical Myths in Europe: Paris**
Contact department for information to register for this course.

CLAS699 **Independent Study in Classical Civilization**

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS799 **Master's Thesis Research**

CLAS799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLFS Chemical and Life Sciences Summer 2012

CLFS001 **Life Science Assessment Test**
Contact department for information to register for this course.

CLFS608 **Seminar in Current Topics in Chemical and Life Science; Scholarly Paper**

CLFS608 *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Scholarly Paper; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact Dr. Brett Kent (bkent@umd.edu) to establish a mentor; and then contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS608A **Seminar in Current Topics in Chemical and Life Science; Independent Research**

CLFS608A *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS609D **Special Topics; Microbiology**

CLFS609D Special Topics: Microbiology; (3 credits) Grade Method: REG/AUD.

PL01	Robert Hall	Seats (Total: 25)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

CLFS609E **Special Topics; Immunology**

CLFS609E Special Topics: Immunology; (3 credits) Grade Method: REG/AUD.

PL01	Carol Pontzer	Seats (Total: 30)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

CLFS609J **Special Topics; Evolutionary Biology**

CLFS609J Special Topics: Evolutionary Biology; (3 credits) Grade Method: REG/AUD.

PL01	Janet Norcross, Bruce Cushing	Seats (Total: 31)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

CLFS619B **Special Topics in Chemistry; Environmental Chemistry**

CLFS619B Special Topics in Chemistry: Environmental Chemistry; (3 credits) Grade Method: REG/AUD.

PL01	Debra Boehmler	Seats (Total: 20)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

CLFS619C **Special Topics in Chemistry; Chemical Biology**

CLFS619C Special Topics in Chemistry: Chemical Biology; (3 credits) Grade Method: REG/AUD.

PL01	Emily English	Seats (Total: 20)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

CLFS640 **Human Physiology**

CLFS640 Human Physiology; (3 credits) Grade Method: REG/AUD.
Prerequisite: Two years of teaching experience; and CLFS510. Restriction: Must be in Master of Chemical & Life Sciences (Master's) program; and permission of CMNS-Chemical & Life Sciences department. Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.

PL01	John Kapp, William Higgins	Seats (Total: 30)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

CLFS710 **Experimental Biology**

CLFS710 Experimental Biology; (6 credits) Grade Method: REG/AUD. *Formerly: LFSC710.* Participants develop skills in four areas of biological research while investigating a variety of biological systems. Those areas include: (1) iterative scientific methods, (2) basic laboratory techniques, (3) experimental design and analysis, and (4) critical evaluation of published research.

PL01	Bretton Kent	Seats (Total: 22)
	Meets June 18, 2012 - July 27, 2012	
	MTuWThF 8:30am - 4:30pm	HJP 2103

CLFS725 **Experimental Design**

CLFS725 Experimental Design; (2 credits) Grade Method: REG/AUD. *Credit only granted for: LFSC710, LFSC719, or LFSC725. Formerly: LFSC719.* Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of orginal experiments for a series of research problems.

PL01	Bretton Kent	Seats (Total: 30)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

CMLT Comparative Literature Summer 2012

CMLT270 **Global Literature and Social Change**

CMLT270 Global Literature and Social Change; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. Comparative study of literature through selected literary works from several non-Western cultures, viewed cross-culturally in light of particular social, political, and economic perspectives. Also offered as ENGL278E.

WB11	Sangeeta Ray	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

CMLT369A **Special Topics in Study Abroad III; The New Poetry of Sixteenth-Century Spain and England**
Contact department for information to register for this course.

CMLT386 **Experiential Learning**

CMLT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Junior standing or higher; and permission of ARHU-English department.

Contact department for information to register for this course.

CMLT398L **Special Topics in Comparative Studies; Sexuality in the Cinema**

CMLT398L Special Topics in Comparative Studies: Sexuality in the Cinema; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ENGL329C.

0201	Eugene Robinson	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:00pm - 9:15pm	TWS 0205

CMLT699 **Independent Study**

CMLT699 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT788 **Practicum in Comparative Studies**

CMLT788 *(PermReq)* **Practicum in Comparative Studies; (1-6 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT799 **Master's Thesis Research**

CMLT799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT899 **Doctoral Dissertation Research**

CMLT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC Computer Science Summer 2012

CMSC131 **Object-Oriented Programming I**

CMSC131 *(PermReq)* **Object-Oriented Programming I; (4 credits)** Grade Method: REG.
Corequisite: Concurrently enrolled in MATH140; and permission of CMNS-Computer Science department. Introduction to programming and computer science. Emphasizes understanding and implementation of applications using object-oriented techniques. Develops skills such as program design and testing as well as implementation of programs using a graphical IDE. Programming done in Java. For CMSC majors only.

0101	Fawzi Emad	Seats (Total: 35)	
	Meets May 29, 2012 - August 3, 2012		
	MWF 11:00am - 12:20pm	CSI 1122	
	TuTh 11:00am - 12:20pm	CSI 1122	Discussion

CMSC132 **Object-Oriented Programming II**

CMSC132 *(PermReq)* **Object-Oriented Programming II; (4 credits)** Grade Method: REG.

Prerequisite: Minimum grade of C- in CMSC131; or Must have earned a score of 5 on the A Java AP exam. Or Permission of the department based on satisfactory performance on the department placement exam; and minimum grade of C- in MATH140; and permission of CMNS-Computer Science department. Introduction to use of computers to solve problems using software engineering principles. Design, build, test, and debug medium -size software systems and learn to use relevant tools. Use object-oriented methods to create effective and efficient problem solutions. Use and implement application programming interfaces (APIs). Programming done in Java.

0101	Nelson Padua-Perez	Seats (Total: 50)	
	Meets May 29, 2012 - August 3, 2012		
	MWF 11:00am - 12:20pm	CSI 1121	
	TuTh 11:00am - 12:20pm	CSI 1121	Discussion

CMSC198 **Special Topics in Computer Science for Non-Majors**

CMSC198 Special Topics in Computer Science for Non-Majors; (3 credits) Grade Method: REG/P-F/AUD.

YS41	Akilah Jackson	Seats (Total: 30)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 12:00pm	TWS 0223	
	This section is part of The Young Scholars Program. Enrollment by permission only.		

CMSC198A **Special Topics in Computer Science for Non-Majors**
Contact department for information to register for this course.

CMSC216 **Introduction to Computer Systems**

CMSC216 *(PermReq)* **Introduction to Computer Systems; (4 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC132; and minimum grade of C- in MATH141. Corequisite: Concurrently enrolled in CMSC250. Credit only granted for: CMSC212, (CMSC213 and CMSC313), or CMSC216. Machine representation of data including intergers and floating point. Modern computer architectural features and their interaction with software (registers, caches). Interaction between user programs and the OS: system class, process, and thread management. Optimizing software to improve runtime performance using both compilers and hand turning.

0101	Nelson Padua-Perez	Seats (Total: 50)	
	Meets May 29, 2012 - August 17, 2012		
	MWF 2:00pm - 3:10pm	CSI 2117	
	TuTh 2:00pm - 3:10pm	CSI 2117	Discussion

CMSC250 **Discrete Structures**

CMSC250 *(PermReq)* **Discrete Structures; (4 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC131; and MATH141; and permission of CMNS-Computer Science department. Formerly: CMSC150. Fundamental mathematical concepts related to computer science, including finite and infinite sets, relations, functions, and propositional logic. Introduction to other techniques, modeling and solving problems in computer science. Introduction to permutations, combinations, graphs, and trees with selected applications.

0101	Jandelyn Plane	Seats (Total: 40)	
	Meets May 29, 2012 - July 20, 2012		
	MWF 9:30am - 10:50am	CSI 1122	
	TuTh 9:30am - 10:50am	CSI 1122	

CMSC330 **Organization of Programming Languages**

CMSC330 *(PermReq)* **Organization of Programming Languages; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC250 and CMSC216; and permission of CMNS-Computer Science department. The semantics of programming languages and their run-time organization. Several different models of languages are discussed, including procedural (e.g., C, Pascal), functional (e.g., ML, LISP), rule-based (e.g., Prolog), and object-oriented (e.g., C++, Smalltalk). Run-time structures, including dynamic versus static scope rules, storage for strings, arrays, records, and object inheritance are explored.

0101	Michael Lam	Seats (Total: 42)	
	Meets May 29, 2012 - July 20, 2012		
	MWF 2:30pm - 3:50pm	CSI 3117	
	TuTh 2:30pm - 3:50pm	CSI 3117	Discussion

CMSC351 **Algorithms**

CMSC351 *(PermReq)* **Algorithms; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC250 and CMSC216; and permission of CMNS-Computer Science department. Credit only granted for: CMSC251 or CMSC351. Additional information: CMSC351 may not count as one of the required upper level CMSC courses for students who are required to have 24 upper level CMSC credits for graduation, i.e. for students who became computer science majors prior to Fall, 2002. A systematic study of the complexity of some elementary algorithms related to sorting, graphs and trees, and combinatorics. Algorithms are analyzed using mathematical techniques to solve recurrences and summations.

0101	Clyde Kruskal	Seats (Total: 45)	
	Meets May 29, 2012 - July 6, 2012		
	MTuWThF 9:30am - 10:55am	CSI 2107	

CMSC411 **Computer Systems Architecture**

CMSC411 *(PermReq)* **Computer Systems Architecture; (3 credits)** Grade Method: REG.
Prerequisite: 1 course with a minimum grade of C- from (ENEE350, CMSC311); and minimum grade of C- in CMSC330; and permission of CMNS-Computer Science department. Or Must be in the (Computer Science (Doctoral), Computer Science (Master's)) program. Input/output processors and techniques. Intra-system communication, buses, caches. Addressing and memory hierarchies. Microprogramming, parallelism, and pipelining.

0201	Michelle Hugue	Seats (Total: 50)
	Meets July 9, 2012 - August 17, 2012	
	MTuWThF 11:00am - 12:20pm	CSI 1115

CMSC420 **Data Structures**

CMSC420 *(PermReq)* **Data Structures; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC351 and CMSC330; and permission of CMNS-Computer Science department. Or Must be in the (Computer Science (Doctoral), Computer Science (Master's)) program. Description, properties, and storage allocation of data structures including lists and trees. Algorithms for manipulating structures. Applications from areas such as data processing, information retrieval, symbol manipulation, and operating systems.

0101	Michelle Hugue	Seats (Total: 54)
	Meets May 29, 2012 - July 20, 2012	
	MTuWTh 12:30pm - 1:50pm	CSI 3117

CMSC498A **Selected Topics in Computer Science**

CMSC498A *(PermReq)* **Selected Topics in Computer Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC499A **Independent Undergraduate Research**

CMSC499A Independent Undergraduate Research; (1-3 credits) Grade Method: REG.

0150	Atif Memon **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 1)
0151	Jennifer Golbeck **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 1)
0152	Hal Daume **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 0)
0153	David Mount **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 0)

CMSC798 **Graduate Seminar in Computer Science**

CMSC798 Graduate Seminar in Computer Science; (1-3 credits) Grade Method: REG/AUD.

0101	Ashok Agrawala **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0102	John Aloimonos **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0103	Victor Basili **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0104	Larry Davis **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0105	Bonnie Dorr **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0106	Howard Elman **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0107	Hal Daume **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0108	Manoj Franklin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0109	Jeffrey Foster **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0110	William Gasarch **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0112	James Hendler **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0113	Jeffrey Hollingsworth **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0114	Peter Keleher **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0115	Samir Khuller **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0119	David Mount **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0120	Dana Nau **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0121	Dianne O'Leary **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0122	Donald Perlis **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0123	Adam Porter **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0124	William Pugh **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0125	James Purtilo **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0126	James Reggia **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0127	Nicholas Roussopoulos **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0129	Hanan Samet **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0130	A.U. Shankar **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0131	Ben Shneiderman **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0133	Gilbert Stewart **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0134	Venkatramanan Subrahmanian **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0135	Chau-Wen Tseng **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0140	Ben Bederson **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0141	Amy Weinberg **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0142	Samrat Bhattacharjee **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0144	Amitabh Varshney **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0145	William Arbaugh **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0147	Ramalingam Chellappa **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0148	Aravind Srinivasan **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0149	Alan Sussman **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0150	Atif Memon **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0156	Lise Getoor **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0158	Allison Druin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0159	Francois Guimbretiere **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0160	David Jacobs **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0161	Louiqa Raschid **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0162	Michel Cukier **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0163	Michael Hicks **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0164	Jonathan Katz **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0165	Philip Resnik **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0166	Leila Defloriani **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0167	Amol Deshpande **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0168	Ramani Duraiswami **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0169	Steven Salzberg **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0170	Neil Spring **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0171	Uzi Vishkin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0175	Mihai Pop **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0178	John Horty **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0179	Michelle Hugue **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0181	Douglas Oard **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0184	Walter Cleaveland **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0185	Jimmy Lin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0186	Vibha Sazawal **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0201	Ashok Agrawala **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0202	John Aloimonos **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0203	Victor Basili **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0204	Larry Davis **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0205	Bonnie Dorr **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0206	Howard Elman **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0207	Hal Daume **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0208	Manoj Franklin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0209	Jeffrey Foster **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0210	William Gasarch **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0212	James Hendler **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0213	Jeffrey Hollingsworth **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0214	Peter Keleher **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0215	Samir Khuller **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0219	David Mount **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0220	Douglas Oard **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0222	Donald Perlis **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0223	Adam Porter **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0224	William Pugh **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0225	James Purtilo **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0226	James Reggia **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0227	Nicholas Roussopoulos **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0229	Hanan Samet **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0230	A.U. Shankar **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0231	Ben Shneiderman **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0233	Gilbert Stewart **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0234	Venkatramanan Subrahmanian **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0235	Chau-Wen Tseng **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0240	Ben Bederson **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0241	Amy Weinberg **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0242	Samrat Bhattacharjee **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0244	Amitabh Varshney **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0245	William Arbaugh **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0247	Ramalingam Chellappa **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0248	Aravind Srinivasan **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0249	Alan Sussman **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0250	Atif Memon **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0256	Lise Getoor **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0258	Allison Druin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0259	Francois Guimbretiere **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0260	David Jacobs **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0261	Louiqa Raschid **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0262	Michel Cukier **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0263	Michael Hicks **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0264	Jonathan Katz **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0265	Philip Resnik **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0266	Leila Defloriani **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0267	Amol Deshpande **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0268	Ramani Duraiswami **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0269	Steven Salzberg **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0270	Neil Spring **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0271	Uzi Vishkin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0275	Mihai Pop **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0278	John Horty **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0279	Michelle Hugue **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0280	Dianne O'Leary **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0284	Walter Cleaveland **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0285	Jimmy Lin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0286	Vibha Sazawal **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

CMSC798A **Graduate Seminar in Computer Science**

CMSC798A *(PermReq)* **Graduate Seminar in Computer Science; (1 credit)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC799 **Master's Thesis Research**

CMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC898 **Pre-Candidacy Research**

CMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC899 **Doctoral Dissertation Research**

CMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM Communication Summer 2012

COMM107 **Oral Communication: Principles and Practices**

COMM107 Oral Communication: Principles and Practices; (3 credits) Grade Method: REG/P-F. GenEd: Fundamental Studies - Oral Communications.
Credit only granted for: ARCH403, COMM107, COMM200, ENES143, HLTH420, INAG110, JOUR130 or THET285. A study of and practice in oral communication, including principles of interviewing, group discussion, listening, informative briefings, and persuasive speeches.

0101	Jessica Lu **Meets May 29, 2012 - July 8, 2012** TuTh 6:30pm - 9:50pm	Seats (Total: 24) PLS 1180
0102	Yvonne Slosarski **Meets May 29, 2012 - July 8, 2012** MW 6:30pm - 9:55pm	Seats (Total: 24) PLS 1117
0201	Ning Xie **Meets July 9, 2012 - August 19, 2012** MW 6:30pm - 9:50pm	Seats (Total: 24) SKN 0104

COMM200 **Critical Thinking and Speaking**

COMM200 Critical Thinking and Speaking; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Fundamental Studies - Oral Communications.
Credit only granted for: ARCH403, COMM107, COMM200, ENES143, HLTH420, INAG110, JOUR130, OR THET285. Theory and practice of persuasive discourse analysis and composition. Research techniques, logical and rhetorical conceptions of argument, and technical principles for persuading in public venues.

0101	Tiffany Lewis	Seats (Total: 24)
	Meets May 29, 2012 - July 8, 2012	
	MW 2:00pm - 5:25pm	PLS 1158

COMM231 **News Writing and Reporting for Public Relations**

COMM231 *(PermReq)* **News Writing and Reporting for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must be in Communication program; and (Sophomore standing; or Junior standing). Or permission of ARHU-Communication department. Credit only granted for: JOUR201, JOUR201P, JOUR231, or COMM231. Formerly: JOUR231.
Introduction to writing and researching news and information media for public relations; laboratory in news-gathering tools and writing techniques for public relations.

0101	Susan Simon	Seats (Total: 18)
	Meets May 29, 2012 - July 8, 2012	
	MW 2:00pm - 5:25pm	EGR 3140

COMM232 **News Editing for Public Relations**

COMM232 *(PermReq)* **News Editing for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in COMM231; or students who have taken courses with similar or comparable course content may contact the department. And permission of ARHU-Communication department. Restriction: Must be in Communication program. Credit only granted for: JOUR202, JOUR202P, JOUR232, or COMM232. Formerly: JOUR232. Copy editing, graphic principles and processes, news and information technologies for public relations.

0201	Michael Paquette	Seats (Total: 18)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 9:00am - 12:20pm	EGR 3140

COMM250 **Introduction to Communication Inquiry**

COMM250 Introduction to Communication Inquiry; (3 credits) Grade Method: REG/P-F/AUD.
An introduction to the field of communication. Definitions, models, and contexts of communication; rhetorical theory and rhetorical criticism of discourse.

0101	Jill Underhill	Seats (Total: 70)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 10:00am - 1:20pm	TYD 2106

COMM288 **Communication Internship**

COMM288 *(PermReq)* **Communication Internship; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM298L **Selected Topics in Communication; Speak Up!: People, Publics, and You**

COMM298L Selected Topics in Communication: Speak Up!: People, Publics, and You; (3 credits) Grade Method: REG/P-F/AUD.

YS41	Leah Waks, Kelly Daily, Amanda Irions	Seats (Total: 35)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:00pm	SKN 0104
	This section is part of The Young Scholars Program. Enrollment by permission only.	

COMM324 **Communication and Gender**

COMM324 Communication and Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies.
The creation of images of male and female, and masculine and feminine, through communication, the differences in male and female communication behaviors and styles, and the implications of those images and styles for male-female transactions.

0101	Alyssa Samek	Seats (Total: 45)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:20pm	SKN 0104

COMM350 **Public Relations Theory**

COMM350 Public Relations Theory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: COMM231 or COMM250. Restriction: Must be in Communication program. Credit only granted for: COMM350 or COMM430.* The historical development and contemporary status of public relations in business, government, associations and other organizations. Application of communication theory and social science methods to the research, planning, communication and evaluation aspects of the public relations process.

0101	Sahar Khamis	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 1:00pm - 4:20pm	SKN 0104

COMM371 **Communication and Digital Media**

COMM371 Communication and Digital Media; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Must be in Communication program. Credit only granted for: COMM371 and COMM398V. Formerly: COMM398V. A basic introduction to communication in the digital age. Through class lectures, assignments and projects, students will learn to effectively use new media for the purpose of strategic message creation and management used in the field of communication. Students will apply the basics of visual layout skills and the principles of visual design to create messages using words and images.

01Z1	Robert Coleman	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 11:00am - 2:20pm	BLD3 3212
	This section meets at the Shady Grove campus.	

COMM382 **Essentials of Intercultural Communication**

COMM382 Essentials of Intercultural Communication; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Cultural Competency. *Credit only granted for: COMM382 or COMM482.* Introduction of major theories and concepts of intercultural communication; examination of processes that make up cultural differences; and use of intercultural communication competence skills.

WB11	Meina Liu **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 35) ONLINE
WB21	Meina Liu **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 35) ONLINE

COMM386 **Experiential Learning**

COMM386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of ARHU-Communication department. Restriction: Junior standing or higher; and must be in Communication program. Supervised internship experience with communication professionals. Relation of academic training to professional experience.

Contact department for information to register for this course.

COMM388 **Communication Practicum**

COMM388 *(PermReq)* **Communication Practicum; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM398P **Selected Topics in Communication; Popular Culture**

COMM398P Selected Topics in Communication: Popular Culture; (3 credits) Grade Method: REG.

0101	Ioana Cionea **Meets May 29, 2012 - July 8, 2012** MW 10:00am - 1:25pm	Seats (Total: 35) SKN 0104

COMM398T **Selected Topics in Communication; Interpersonal Communication and Health**

COMM398T Selected Topics in Communication: Interpersonal Communication and Health; (3 credits) Grade Method: REG.

0201	Adam Richards	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 5:00pm - 8:20pm	SKN 1115

COMM398W **Selected Topics in Communication; Web Design**

COMM398W Selected Topics in Communication: Web Design; (3 credits) Grade Method: REG.

02Z1	Robert Coleman	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MW 2:00pm - 5:20pm	BLD3 3212
	This section meets at the Shady Grove campus.	

COMM398Z **Selected Topics in Communication; Contemporary Social Advocacy**

COMM398Z Selected Topics in Communication: Contemporary Social Advocacy; (3 credits) Grade Method: REG.

0101	William Lawson	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	MW 6:00pm - 9:25pm	SKN 1115

COMM399 **Honors Thesis**

COMM399 *(PermReq)* **Honors Thesis; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM400 **Research Methods in Communication**

COMM400 Research Methods in Communication; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250; and Must have an introductory course in statistics. Restriction: Must be in Communication program. Philosophy of scientific method; role of theory; research ethics; empirical research methods (measurement, sampling, design, analysis).

0101	Edward Fink	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 12:00pm - 3:20pm	SKN 1115

COMM401 **Interpreting Strategic Discourse**

COMM401 Interpreting Strategic Discourse; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. Restriction: Must be in Communication program. Principles and approaches for practical analysis of discourse designed to shape audience opinion.

0101	Jon Hoffman	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MW 2:00pm - 5:25pm	HBK 0115

COMM402 **Communication Theory and Process**

COMM402 Communication Theory and Process; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. Restriction: Must be in Communication program. Philosophical and conceptual analysis of communication theories.

0101	David Payne	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 4:00pm - 7:20pm	KEY 0119

COMM470 **Listening**

COMM470 Listening; (3 credits) Grade Method: REG/P-F/AUD.
The principles of listening behavior.

01Z1	Andrew Wolvin	Seats (Total: 45)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 9:00am - 12:20pm	BLD3 3219
	This section meets at the Shady Grove campus.	

COMM471 **Public Communication Campaigns**

COMM471 Public Communication Campaigns; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM200; or permission of ARHU-Communication department.
Diffusion theory and its implications for public communication campaigns.

0201	Jarim Kim	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 1:00pm - 4:20pm	SKN 1115

COMM482 **Intercultural Communication**
Contact department for information to register for this course.

COMM489 **Topical Research; Topical Research**

COMM489 *(PermReq)* **Topical Research: Topical Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM798 **Independent Study**

COMM798 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM799 **Master's Thesis Research**

COMM799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM898 **Pre-Candidacy Research**

COMM898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM899 **Doctoral Dissertation Research**

COMM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CONS Sustainable Development & Conservation Biology — Summer 2012

CONS609I **Special Topics in Conservation Biology**

CONS609I Special Topics in Conservation Biology; (1 credit) Grade Method: REG/S-F.

0101	Karen Lips **Meets May 29, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 50)
IN11	Karen Lips **Meets May 29, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 50)

CONS798 **Research Papers in Sustainable Development and Conservation Biology**

CONS798 *(PermReq)* **Research Papers in Sustainable Development and Conservation Biology; (1-4 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP College Park Scholars Program — Summer 2012

CPSP239J **Practicum: Internship**

CPSP239J Practicum: Internship; (1-3 credits) Grade Method: REG.

0101	Kalyani Chadha **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 15)

0201	Kalyani Chadha	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

CPSP239P **Practicum: Internship**

CPSP239P Practicum: Internship; (1-3 credits) Grade Method: REG/P-F/AUD.

IN01	David Crocker	Seats (Total: 0)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

CPSP379I **Advanced Practicum: Study Abroad; India: Global Health and Development**
Contact department for information to register for this course.

CPSP379K **Advanced Practicum: Study Abroad; UK: Liberty, Slavery and the British Empire**
Contact department for information to register for this course.

DANC Dance Summer 2012

DANC200 **Introduction to Dance**

DANC200 Introduction to Dance; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.
A study of dance as a form of communication and as an art form; a survey of the theories and styles of dance, and their relationships to other art forms.

0101	Erin Crawley-Woods	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	TuWTh 10:00am - 12:15pm	PAC 1924

DANC398 **Directed Studies in Dance**
Contact department for information to register for this course.

ECON Economics Summer 2012

ECON200 **Principles of Micro-Economics**

ECON200 Principles of Micro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Additional information: It is recommended that students complete ECON200 before taking ECON201. Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity.

0201	Erin Moody **Meets July 9, 2012 - August 19, 2012** MTuW 1:00pm - 3:55pm	Seats (Total: 40) TYD 2109
WB11	Adriana Vamosiu **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 55) ONLINE

ECON201 **Principles of Macro-Economics**

ECON201 Principles of Macro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Recommended: ECON200. Credit only granted for: ECON201 or ECON205. An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.

0101	Matija Jancec **Meets May 29, 2012 - July 8, 2012** MTuW 6:00pm - 9:00pm	Seats (Total: 40) TYD 2109
0201	Jorge Salas Maldonado **Meets July 9, 2012 - August 19, 2012** MTuW 4:00pm - 6:55pm	Seats (Total: 40) TYD 2102

ECON258C **Special Topics in Study Abroad II; Chinese Economy**

Contact department for information to register for this course.

ECON300 **Methods and Tools for Economic Analysis**

ECON300 *(PermReq)* **Methods and Tools for Economic Analysis; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH220, MATH140). Restriction: Must be in a major within BSOS-Economics department; and permission of BSOS-Economics department; and must not have completed MATH240 or MATH241. Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.

0101	Burak Turkgulu **Meets May 29, 2012 - July 8, 2012** MW 6:30pm - 9:55pm	Seats (Total: 40) TYD 2111
0201	Burak Turkgulu **Meets July 9, 2012 - August 19, 2012** MW 5:00pm - 8:10pm	Seats (Total: 40) TYD 2106

ECON305 **Intermediate Macroeconomic Theory and Policy**

ECON305 Intermediate Macroeconomic Theory and Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON201 and ECON200; and (MATH220 or MATH140). Credit only granted for: ECON305 or ECON325. Analysis of the determination of national income, employment, and price levels. Discussion of consumption, investment, inflation, and government fiscal and monetary policy.

0201	Jongho Park **Meets July 9, 2012 - August 19, 2012** TuTh 9:00am - 12:10pm	Seats (Total: 40) TYD 0101

ECON306 **Intermediate Microeconomic Theory**

ECON306 Intermediate Microeconomic Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200 or AREC250; and ECON201; and (MATH220 or MATH140). Credit only granted for: ECON306 or ECON326. Analysis of the theories of consumer behavior and of the firm, market systems, distribution theory and the role of externalities.

0101	Lisa Dettling	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:10pm	TYD 1114

ECON311 **American Economic History Before the Civil War**

ECON311 American Economic History Before the Civil War; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON201 and ECON200. Restriction: Must be in a major within BSOS-Economics department. Economic concepts are used to analyze various aspects of the founding and early history of the U.S., including the British settlement of the North American colonies, the economics of the American Revolutionary war, the writing of the Constitution, the development of financial markets, policies on public lands and the spread of western agriculture, slavery, banking, and early industrialization.

0201	Alvaro La Parra Perez	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 3:00pm - 6:10pm	TYD 0102

ECON314 **Economic History, Development and Policy**
Contact department for information to register for this course.

ECON321 **Economic Statistics**

ECON321 Economic Statistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH220, MATH140). Restriction: Must be in a major within BSOS-Economics department. And must not have completed BMGT231 or BMGT230; or permission of BSOS-Economics department. Credit only granted for: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200 or SOCY201. Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.

0101	Kevin Dayaratna **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 1108
0201	John Leon Diaz **Meets July 9, 2012 - August 19, 2012** MW 4:00pm - 7:10pm	Seats (Total: 40) TYD 1114

ECON325 **Intermediate Macroeconomic Analysis**

ECON325 Intermediate Macroeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within BSOS-Economics department. Credit only granted for: ECON305 (not accepted for major requirements) or ECON325. Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.

0101	Orhan Torul **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:25pm	Seats (Total: 40) TYD 0102
0201	Alvaro Pedraza **Meets July 9, 2012 - August 19, 2012** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101

ECON326 **Intermediate Microeconomic Analysis**

ECON326 Intermediate Microeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within BSOS-Economics department. Credit only granted for: ECON306 (not accepted for major requirements) or ECON326. Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asymmetric information.

0101	Naomi Utgoff **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101
0201	Kristian Lopez Vargas **Meets July 9, 2012 - August 19, 2012** MW 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101

ECON330 **Money and Banking**

ECON330 Money and Banking; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON201 and ECON200. The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.

0101	Shu Wee **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:25pm	Seats (Total: 40) TYD 1114

ECON386 **Experiential Learning**

ECON386 *(PermReq)* **Experiential Learning; (3 credits)** Grade Method: S-F.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ECON201 and ECON200. Restriction: Permission of BSOS-Economics department; and must be in a major within BSOS-Economics department; and minimum cumulative GPA of 2.75; and Junior standing or higher. See Department Advising Office for course eligibility, course requirements, and application information.

Contact department for information to register for this course.

ECON399 **Individual Readings and Research For Undergraduates**

ECON399 *(PermReq)* **Individual Readings and Research For Undergraduates; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: six hours of upper division economics courses.

Contact department for information to register for this course.

ECON414 **Game Theory**

ECON414 Game Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326. Or ECON306; and permission of BSOS-Economics department. Restriction: Must be in Economics program. Credit only granted for: CMSC474, ECON414, or GVPT399A. Studies the competitive and cooperative behavior that results when several parties with conflicting interests must work together. Learn how to use game theory to analyze situations of potential conflict. Applications are drawn from economics, business, and political science.

0201	Hei Chan	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	MW 5:00pm - 8:10pm	TYD 1102

ECON416 **Theory of Economic Development**

ECON416 Theory of Economic Development; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON325. Or minimum grade of C- in ECON305; and permission of BSOS-Economics department. Restriction: Must be in Economics program. Credit only granted for: ECON315 or ECON416. Economic theory of the developing nations; role of innovation, capital formation, resources, institutions, trade and exchange rates, and governmental policies.

0201	Wei Li	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:00pm - 9:10pm	TYD 0111

ECON422 **Econometrics I**

ECON422 Econometrics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 1 course with a minimum grade of C- from (STAT400, ECON321). Restriction: Must be in Economics program. Emphasizes the interaction between economic problems and the assumptions employed in statistical theory. Formulation, estimation, and testing of economic models, including single variable and multiple variable regression techniques, theory of identification, and issues relating to inference.

0101	Lixin Tang	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:10pm	TYD 2111

ECON424 **Computer Methods in Economics**

ECON424 Computer Methods in Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON321, ECON325, and ECON326. Or minimum grade of C- in ECON321, ECON305, and ECON306; and permission of BSOS-Economics department. Restriction: Must be in a major within BSOS-Economics department. Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.

0101	Salih Fendoglu	Seats (Total: 38)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 12:00pm - 3:10pm	LEF LAB 3
0201	Yichen Zhou	Seats (Total: 38)
	Meets July 9, 2012 - August 19, 2012	
	MW 12:00pm - 3:10pm	LEF 0229
	This section will meet in computer labs 3 (LEF 0229) & 4 (LEF 0231).	

ECON454 **Public Finance and Public Policy**

ECON454 Public Finance and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326. Or ECON306; and permission of BSOS-Economics department. Restriction: Must be in Economics program. Credit only granted for: ECON350 or ECON454. Study of welfare economics and the theory of public goods, taxation, public expenditures, benefit-cost analysis, and state and local finance. Applications of theory to current policy issues.

0101	Charles Baschnagel	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MW 6:00pm - 9:25pm	TYD 0111

ECON470 **Theory of Labor Economics**

ECON470 Theory of Labor Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326. Or ECON306; and permission of BSOS-Economics department. Restriction: Must be in Economics program. Credit only granted for: ECON370 or ECON470. An analytical treatment of theories of labor markets. Marginal productivity theory of labor demand; allocation of time in household labor supply models; theory of human capital; earnings differentials; market structure and the efficiency of labor markets; the role of trade unions; discrimination; and unemployment.

0201	Maria Prada	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:00pm - 9:10pm	TYD 1102

ECON698 **Selected Topics in Economics**

ECON698 Selected Topics in Economics; (3 credits) Grade Method: REG/AUD.

0142	John Shea	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

ECON799 **Master's Thesis Research**

ECON799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON898 **Pre-Candidacy Research**

ECON898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON899 **Doctoral Dissertation Research**

ECON899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI Curriculum and Instruction Summer 2012

EDCI397 **Principles and Methods of Teaching in Elementary Schools**

EDCI397 *(PermReq)* **Principles and Methods of Teaching in Elementary Schools; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must be in Elementary Education program; and minimum cumulative GPA of 2.75. Or permission of EDUC-Teaching, Learning, Policy and Leadership department. Teaching strategies, classroom interactive techniques, and procedures for planning and evaluating instruction in elementary schools. Emphasis on principles of effective instruction, classroom management, and adaptation of instruction for various student populations.

0301	Margaret Peterson	Seats (Total: 25)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 9:00am - 12:00pm	EDU 2101

EDCI405 **Art Education Methods I**

EDCI405 Art Education Methods I; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Restriction: Minimum cumulative GPA of 2.5; and permission of EDUC-Teaching, Learning, Policy and Leadership department; and must be in Secondary Educ: Art program. Credit only granted for: EDCI300 or EDCI405. Formerly: EDCI300. Methods I provides future art teachers with a knowledge base of the theories and best practices of effective pedagogy for: teaching methods and strategies, diversity, motivational techniques, classroom management, assessment and evaluation methods, and accommodating all students including those with special needs.

IHP1	Susan Hendricks	Seats (Total: 15)
	Meets June 5, 2012 - June 29, 2012	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	EDCI MCERT Outreach Course. Department permission required for registration. Contact Diane James at djames1@umd.edu.	

EDCI410 **Methods I: K-12 Foreign Language Methods and Technology**

EDCI410 Methods I: K-12 Foreign Language Methods and Technology; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Minimum cumulative GPA of 2.75; and permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI330 or EDCI410. Formerly: EDCI330. The first of two sequential courses required for achieving competence in teaching a foreign language. The sequel to this course is EDCI433 (Methods II) entitled: Advanced K-12 Foreign Language Methods and Technology. EDCI410 requires on-going examination of theories relevant to language acquisition. Students will also investigate the instructional methods that reflect those theories.

IHP1	Perla Blejer, Deborah Davis	Seats (Total: 20)
	Meets June 5, 2012 - June 29, 2012	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI411 **Knowledge, Reasoning, and Learning in Science**

EDCI411 Knowledge, Reasoning, and Learning in Science; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Minimum cumulative GPA of 2.75; and permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI370 or EDCI411. Formerly: EDCI370. For prospective science teachers. Investigations of the nature of knowledge, reasoning, and learning in middle and secondary science. Readings from cognitive science and science education research; studies of student thinking in interview and classroom observations; analyses of curricula. Includes laboratory and field experiences. Department permission required. EDCI MCERT Outreach Offering.

IHP1	Stacy Pritchett	Seats (Total: 25)
	Meets June 5, 2012 - June 29, 2012	
	MTuWTh 5:00pm - 7:45pm	Location: TBA
	Class time/details on ELMs	ONLINE
	EDCI MCERT Outreach Program, Departmental permission required.	

EDCI416 **Curriculum and Instruction in Secondary Education: English Speech Theatre**

EDCI416 Curriculum and Instruction in Secondary Education: English Speech Theatre; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Credit only granted for: EDCI340 or EDCI416. Formerly: EDCI340. An introduction for prospective middle and secondary English teachers into the basic issues, concepts, orientations, and processes that shape the teaching of English for diverse students in schools. Candidates explore their own perspectives in relation to local and national trends and develop basic teaching understanding and skills through on-campus seminars, teaching laboratory experiences, and guided field experiences. Students should reserve one full day or two half days per week for field experience.

IHP1	Peggy Wilson	Seats (Total: 25)
	Meets June 5, 2012 - June 29, 2012	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class time/details on ELMs	ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI426 **Knowledge, Reasoning, and Learning in Secondary Social Studies**

EDCI426 Knowledge, Reasoning, and Learning in Secondary Social Studies; (3 credits) Grade Method: REG.
Restriction: Permission of EDUC-Teaching, Learning, Policy and Leadership department; and minimum cumulative GPA of 2.75. An exploration of the nature of knowledge and reasoning in social studies disciplines as well as how students learn social studies. Assessment and investigation of students' conceptions and misconceptions as well as their disciplinary thinking. Implications for teaching and initial lesson design are explored through on-campus seminars as well as guided field experiences. Students should reserve a regular half-day per week for the field experience in local schools. This course is required for admission to the secondary social studies double major. Department permission required. EDCI MCERT Outreach Offering.

IHP1	Catherine McCall	Seats (Total: 15)
	Meets June 5, 2012 - June 29, 2012	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class time/details on ELMs	ONLINE
	Departmental permission required, EDCI MCERT Outreach Offering.	

EDCI432 **Issues in the Education of English Language Learners**

EDCI432 Issues in the Education of English Language Learners; (3 credits) Grade Method: REG.
Credit only granted for: EDCI432 or EDCI488Q. Formerly: EDCI488Q. Introduction to and analysis of current and historical research, practice, trends, and public policy issues in education as they relate to English language learners in K-12 and other settings.

WB21	Jeff MacSwan	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

EDCI435 **Teaching English Language Learners Reading and Writing in the Secondary Content Areas**

EDCI435 Teaching English Language Learners Reading and Writing in the Secondary Content Areas; (3 credits) Grade Method: REG/P-F/AUD.
Analysis of approaches to curriculum, current research, theory, and pedagogy of reading and writing to second language students from diverse cultural and linguistic backgrounds. State Approved. Required for TESOL certification program.

IHP1	Rashi Jain	Seats (Total: 15)
	Meets June 5, 2012 - June 29, 2012	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	EDCI MCERT Outreach Offering, Dept Permission Required.	

EDCI436 **Understanding Cross-Cultural Communication for Teaching English Language Learners**

EDCI436 Understanding Cross-Cultural Communication for Teaching English Language Learners; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Diversity - Cultural Competency.
Credit only granted for: EDCI436 or EDCI488T. Formerly: EDCI488T. Theories of intercultural communication and techniques for applying them in the teaching of English as a second language (ESL) and content classes. Research and evaluation of selected aspects of a culture as basis for creating, selecting and using culturally-responsive teaching materials and methods.

IHP1	Howard Stein	Seats (Total: 20)
	Meets July 9, 2012 - August 17, 2012	
	TuTh 4:30pm - 7:30pm	Location: TBA
	EDCI/TLPL Outreach Offering for Reading Specialist Program in MCPS at Shady Grove. Registration restricted to program participants.	

EDCI437 **English Grammar Pedagogy for Teachers of English Language Learners**

EDCI437 English Grammar Pedagogy for Teachers of English Language Learners; (3 credits) Grade Method: REG.
Credit only granted for: EDCI437 or EDCI488P. Formerly: EDCI488P. Methods of teaching English grammar to English language learners. The role of teaching grammar. Effective methods and techniques for incorporating grammar in other communication activities.

IHP1	Jeff MacSwan	Seats (Total: 20)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE
	EDCI MCERT Outreach Program. Optional initial orientation meetings will be held May 23 and July 6. Department permission required for registra tion.	

WB11	Jeff MacSwan	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

EDCI443 **Literature for Children and Youth**
Contact department for information to register for this course.

EDCI457 **Teaching and Learning Middle School Mathematics**

EDCI457 Teaching and Learning Middle School Mathematics; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Minimum cumulative GPA of 2.75; and permission of EDUC-Teaching, Learning, Policy and Leadership department. Methods of teaching and assessing the middle school mathematics curriculum. Understanding the conceptual difficulties students have in moving from whole numbers to rational numbers, additive thinking to multiplicative thinking, and arithmetic to algebra. Lesson planning and selection of technology and other materials are applied in the context of supervised tutoring of students having difficulty in middle school mathematics.

IHP1	Hollie Young	Seats (Total: 40)
	Meets June 5, 2012 - June 29, 2012	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class time/details on ELMs	ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI461 **Materials and Instruction for Creating Skilled and Motivated Readers, Part I**

EDCI461 *(PermReq)* **Materials and Instruction for Creating Skilled and Motivated Readers, Part I; (3 credits)** Grade Method: REG.
Restriction: Must be in Elementary Education program; and Junior standing or higher. Or permission of EDUC-Teaching, Learning, Policy and Leadership department. Selecting, evaluating, and using a variety of materials and instructional strategies to create skilled and motivated readers in the elementary grades; Topics include emergent literacy, vocabulary development, reading comprehension and oral reading fluency in diverse classroom settings.

0101	Jennifer Turner	Seats (Total: 27)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 1:00pm - 4:10pm	EDU 2119

EDCI463 **Reading in the Secondary School**

EDCI463 Reading in the Secondary School; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Minimum cumulative GPA of 2.5; and must be in one of the following programs (Secondary Educ: Science; Secondary Educ: English Language Arts; Secondary Educ: Mathematics; Secondary Educ: Foreign Languages; Secondary Educ: Social Studies; Secondary Educ: Art) ; and Permission of department required for post-baccalaureate students. Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.

0301	Mariam Dreher	Seats (Total: 17)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 9:00am - 12:00pm	EDU 3236

EDCI488K **Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**

Contact department for information to register for this course.

EDCI498 **Special Problems in Teacher Education**

EDCI498 Special Problems in Teacher Education; (1-6 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI614 **Developing a Professional Portfolio**

EDCI614 Developing a Professional Portfolio; (3 credits) Grade Method: REG. Students will examine issues of performance assessment and develop professional portfolios following the guidelines established by the National Board of Professional Teaching Standards. Drawing on the research data collected throughout their program and relying on inquiry, reflections, and analysis, they will synthesize and present the body of their teaching experience.

0101	Maria Hyler	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 4:15pm - 7:25pm	EDU 1107

EDCI633 **Teaching for Cross Cultural Communication**

EDCI633 Teaching for Cross Cultural Communication; (3 credits) Grade Method: REG.

Theories of intercultural communication and techniques for applying them in the teaching of English as a second language (ESL) and content classes. Research and evaluation of selected aspects of a culture as basis for creating, selecting and using culturally-responsive teaching materials and methods.

IHP1	Kellie Rolstad	Seats (Total: 20)
	Meets July 9, 2012 - August 7, 2012	
	Class time/details on ELMs	ONLINE
	EDCI MCERT Outreach Program. Optional initial orientation meetings will be held May 23 and July 6. Department permission required for registra tion.	
IHP2	Howard Stein	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 4:30pm - 7:30pm	Location: TBA
	EDCI/TLPL Outreach Offering. Department permission required. Contact Diane James at djames1@umd.edu.	

EDCI634 **Methods of Teaching ESOL**

EDCI634 Methods of Teaching ESOL; (3 credits) Grade Method: REG.

This course presents a survey of the historical and current approaches, methods, and techniques of teaching English to speakers of other languages, from grammar to translation to audiolingual and communicative approaches. Additionally, successful classroom practices that address the needs of culturally diverse and language minority students will be analyzed.

0101	Kellie Rolstad	Seats (Total: 10)
	Meets June 5, 2012 - June 29, 2012	
	Contact instructor or department for details.	
01Z1	Kellie Rolstad	Seats (Total: 10)
	Meets June 5, 2012 - June 29, 2012	
	Contact instructor or department for details.	

IHP1	Kellie Rolstad	Seats (Total: 20)
	Meets June 4, 2012 - June 30, 2012	
	Class time/details on ELMs Contact instructor or department for details.	ONLINE
	EDCI MCERT Outreach Program. Optional initial orientation meetings will be held May 23 and July 6. Department permission required for registra tion.	

EDCI643 **Teaching Language Arts in Elementary Schools**

EDCI643 Teaching Language Arts in Elementary Schools; (3 credits) Grade Method: REG/AUD.
Analysis of current issues, trends, and problems in language-arts instruction.

02Z1	Thor Gibbins	Seats (Total: 5)
	Meets July 9, 2012 - August 7, 2012	
	Contact instructor or department for details.	
IHP1	Thor Gibbins	Seats (Total: 30)
	Meets July 9, 2012 - August 2, 2012	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Department permission required. EDCI MCERT Outreach Offering.	

EDCI645 **Teaching and Learning Geometry in the Middle Grades**

EDCI645 Teaching and Learning Geometry in the Middle Grades; (3 credits) Grade Method: REG/AUD.
Prerequisite: Admission to M.A. or M.Ed. with concentration in Mathematics Education; or permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI645 or EDCI688C. Formerly: EDCI688C.
Designed to enhance both the pedagogical and geometric content knowledge of middle school mathematics teachers.

IHP1	Rodrigo Gutierrez	Seats (Total: 30)
	Meets May 24, 2012 - July 9, 2012	
	Contact instructor or department for details.	
	EDCI Outreach Offering. Department premission required.	

EDCI656 **Teaching and Learning Statistics in the Middle School**

EDCI656 Teaching and Learning Statistics in the Middle School; (3 credits) Grade Method: REG/AUD.
Prerequisite: Admission to M.Ed. or M.A. program in EDCI with concentration in Mathematical Education. Designed to enhance both the pedagogical and statistical/data analysis content knowledge of middle school mathematics teachers.

IHP1	Richard Hollenbeck	Seats (Total: 30)
	Meets May 24, 2012 - July 9, 2012	
	Contact instructor or department for details.	
	EDCI Outreach Offering. Department permission required.	

EDCI661 **Content Area Reading**

EDCI661 *(PermReq)* **Content Area Reading; (3 credits)** Grade Method: REG/AUD.
Prerequisite: EDCI362; or EDCI463; or students who have taken courses with similar or comparable course content may contact the department. Research-based strategies for improving reading to learn in the content areas (K-12).

IHP1	Wayne Slater	Seats (Total: 40)
	Meets June 5, 2012 - June 28, 2012	
	MTuWTh 1:00pm - 4:00pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Offering.	
IHP2	Kathleen Travers	Seats (Total: 40)
	Meets July 9, 2012 - August 7, 2012	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	Department permission required. EDCI MCERT Outreach Offering, Shady Gro e.	

EDCI662 **Diagnostic Reading Assessment and Instruction**

EDCI662 Diagnostic Reading Assessment and Instruction; (3 credits) Grade Method: REG.
Restriction: Permission of EDUC-Teaching, Learning, Policy and Leadership department. Survey course in diagnostic reading assessment and instruction for graduate students not majoring in reading.

IHP1	Candice Doyle **Meets June 4, 2012 - June 30, 2012** MTuWTh 1:00pm - 4:00pm *Department permission required. EDCI MCERT Outreach Offering.*	Seats (Total: 30) Location: TBA
IHP2	Wayne Slater **Meets July 9, 2012 - July 27, 2012** MTuWThF 5:00pm - 7:45pm *EDCI Literacy Coach/Special Education. Department permission required.*	Seats (Total: 20) Location: TBA

EDCI673 **Assessing, Diagnosing, and Teaching Writing**

EDCI673 Assessing, Diagnosing, and Teaching Writing; (3 credits) Grade Method: REG/AUD.
Restriction: Permission of EDUC-Teaching, Learning, Policy and Leadership department. Examines current theory, research, best practice, curricula and materials for teaching written communication in middle and secondary schools in order to survey, review and select formal and informal assessments and diagnostic strategies useful for writing teachers. Focuses on validity and reliability issues. Includes instructional planning and development of instructional materials for implementing appropriate individual, small-group and large-group instruction. English Language Learner (TESOL and SIOP) and special needs (inclusion) pupil issues considered. EDCI Literacy Coach/Special Education offering. Department permission r equired.

IHP1	Linda Coleman **Meets July 30, 2012 - August 17, 2012** MTuWThF 5:00pm - 7:45pm	Seats (Total: 20) Location: TBA
IHP2	Wayne Slater **Meets July 30, 2012 - August 17, 2012** Class time/details on ELMs	Seats (Total: 1) ONLINE

EDCI682 **Proseminar in Professional Development**
Contact department for information to register for this course.

EDCI688I **Special Topics in Curriculum and Instruction; Connecting Learning Through Arts Integration**

EDCI688I Special Topics in Curriculum and Instruction: Connecting Learning Through Arts Integration; (3 credits) Grade Method: REG.
Open to teachers involved in MATI or AA Arts Integration Summer Institut e. Contact Diane James at djames1@umd.edu for more information.

IHP1	Margaret Walker	Seats (Total: 15)
	Meets July 13, 2012 - August 18, 2012	
	Contact instructor or department for details.	
	Open to teachers involved in MATI or AA Arts Integration Summer Institu te. Contact Diane James at djames1@umd.edu.	

EDCI688O **Special Topics in Curriculum and Instruction**
Contact department for information to register for this course.

EDCI688P **Special Topics in Curriculum and Instruction; Teaching and Learning Numbers in the Middle Grades**

EDCI688P Special Topics in Curriculum and Instruction: Teaching and Learning Numbers in the Middle Grades; (1-3 credits) Grade Method: REG/AUD.

IHP1	Sam Reheard	Seats (Total: 25)
	Meets July 16, 2012 - August 13, 2012	
	MTuWTh 4:30pm - 7:30pm	Location: TBA
	EDCI/TLPL Outreach Offering, STME participants. Deparment permission required.	

EDCI688T **Special Topics in Curriculum and Instruction; Patterns of Interaction in Schools and Classrooms**

EDCI688T Special Topics in Curriculum and Instruction: Patterns of Interaction in Schools and Classrooms; (3 credits) Grade Method: REG/AUD.
Class has both campus and web meetings. Prerequisite: Only open to those with teaching experience at the K-12 level. Emphasis on principles, practices and community building processes of human interaction as a foundation for improving student learning and transforming curriculum and instruction.

0101	Amanda Stefanski	Seats (Total: 20)	
	Meets June 18, 2012 - July 6, 2012		
	TuTh 9:00am - 12:30pm	EDU 2102	
	Class time/details on ELMs	ONLINE	Discussion

EDCI688Y **Special Topics in Curriculum and Instruction; Research Basis for Teaching History**

EDCI688Y *(PermReq)* **Special Topics in Curriculum and Instruction: Research Basis for Teaching History; (3 credits)** Grade Method: REG/AUD.
Also offered as HIST499Y.

IHP1	Denise Meadows, Charlotte Stokes, Alana Murray **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 20)

EDCI689 **Teaching Internship**

EDCI689 *(PermReq)* **Teaching Internship; (1-9 credits)** Grade Method: REG/AUD.

IHP1	Susan Hendricks **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MCERT Outreach Offering, Sec, ART, Dept Perm Req.*	Seats (Total: 15)
IHP2	Peggy Wilson **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MCERT Outreach Offering, Sec, ENGLISH, Dept Perm Req.*	Seats (Total: 20)
IHP3	Perla Blejer **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MCERT Outreach Offering, Sec, FOR LANG, Dept Perm Req.*	Seats (Total: 12)
IHP4	John Seelke **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MCERT Outreach Offering, Sec, MATH, Dept Perm Req.*	Seats (Total: 20)
IHP5	Stacy Pritchett **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MCERT Outreach Offering, Sec, SCIENCE, Dept Perm Req.*	Seats (Total: 15)

IHP6	Catherine McCall **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MCERT Outreach Offering, Sec, SOC STUD, Dept Perm Req.*	Seats (Total: 15)
IHP7	Colleen Gallagher **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MCERT Outreach Offering, Sec, TESOL, Dept Perm Req.*	Seats (Total: 20)
IHP8	Karen Rehder **Meets May 16, 2012 - June 15, 2012** Contact instructor or department for details. *EDCI MSMART Outreach Offering. Departmental Permission Required.*	Seats (Total: 25)
IHP9	Emily Yanisko, Toya Jones, Ebony Shockley **Meets June 6, 2012 - August 8, 2012** MW 1:00pm - 4:00pm *EDCI MSMART Outreach Offering. Departmental Permission Required. Contact Diane James at djames1@umd.edu.*	Seats (Total: 20) Location: TBA

EDCI690 **Teaching as a Profession**

EDCI690 Teaching as a Profession; (3 credits) Grade Method: REG/AUD. *Restriction: Permission of EDUC-Teaching, Learning, Policy and Leadership department.* The profession of teaching and the knowledge base that defines teaching. Current and social issues that affect teaching and learning; role of research and experience in learning to teach.

IHP1	Joseph McCaleb **Meets May 16, 2012 - June 22, 2012** Tu 9:00am - 3:00pm Contact instructor or department for details. *EDCI MCERT Outreach Offering, Elem, Shady Grove, Dept Perm Req.*	Seats (Total: 20) Location: TBA
IHP2	Jean Snell **Meets May 16, 2012 - June 28, 2012** MW 5:00pm - 8:10pm *EDCI MCERT Outreach Offering, Sec, MCPS, Dept Perm Req.*	Seats (Total: 30) Location: TBA

IHP3	Alison Mojto **Meets May 16, 2012 - June 28, 2012** TuTh 5:00pm - 8:10pm *EDCI MCERT Outreach Offering, Sec, PG, Dept Perm Req.*	Seats (Total: 30) Location: TBA
IHP4	Segun Eubanks **Meets May 16, 2012 - June 28, 2012** TuTh 5:00pm - 8:10pm *EDCI MCERT Outreach Offering, Sec, PG, Dept Perm Req.*	Seats (Total: 30) Location: TBA

EDCI697 **Embracing Diversity in Classroom Communities**

EDCI697 Embracing Diversity in Classroom Communities; (3 credits) Grade Method: REG.
03 semester hours. The course aims to help students understand race, class, gender, and sexuality as systems of privilege, exclusion, marginalization, and the centrality of embracing diversity in the classroom communities to promote the success of all students.

02Z2	Roderick Carey **Meets July 9, 2012 - August 2, 2012** MTuWTh 1:00pm - 4:00pm	Seats (Total: 40) Location: TBA
IHP1	Saroja Barnes **Meets July 9, 2012 - July 30, 2012** MTuWTh 9:00am - 12:00pm Class time/details on ELMs *Department permission required. EDCI MCERT Outreach Offering.*	Seats (Total: 30) Location: TBA ONLINE
IHP2	Roderick Carey **Meets July 9, 2012 - August 2, 2012** MTuWTh 1:00pm - 4:00pm *Department permission required. EDCI MCERT Outreach Offering.*	Seats (Total: 40) Location: TBA
IHP3	Tamyka Morant **Meets July 9, 2012 - August 7, 2012** MTuWTh 1:00pm - 4:00pm Contact instructor or department for details. *EDCI SEC MCERT Outreach Program, Shady Grove.*	Seats (Total: 40) Location: TBA

EDCI698 **Conducting Research on Teaching**

EDCI698 Conducting Research on Teaching; (1-3 credits) Grade Method: REG.

IHP1	Kara Trenkamp	Seats (Total: 30)
	Meets June 14, 2012 - July 12, 2012	
	Class time/details on ELMs	ONLINE
	EDCI Outreach Offering. Department permission required.	

EDCI761 **Advanced Clinical Practices in Reading Assessment**

EDCI761 Advanced Clinical Practices in Reading Assessment; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI665. Corequisite: Concurrently enrolled in EDCI762. Clinical practicum in assessment focusing on strengths and needs in reading. Case report writing and conferences. Location: Off campus. Local school. Departmental permission required.

IHP1	Ayanna Baccus	Seats (Total: 20)
	Meets June 25, 2012 - August 2, 2012	
	MTuWTh 8:00am - 12:00pm	Location: TBA
IN11	Ayanna Baccus	Seats (Total: 15)
	Meets June 18, 2012 - July 27, 2012	
	MTuWTh 8:00am - 12:00pm	Location: TBA

EDCI762 **Advanced Clinical Practices in Reading Instruction**

EDCI762 Advanced Clinical Practices in Reading Instruction; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI665. Corequisite: Concurrently enrolled in EDCI761. Clinical practicum in instruction focusing on instructional techniques and diagnostic teaching. Location: Off campus. Local school.Departmental permission required.

IHP1	Ayanna Baccus	Seats (Total: 20)
	Meets June 25, 2012 - August 2, 2012	
	MTuWTh 12:00pm - 4:00pm	Location: TBA

IN11	Ayanna Baccus	Seats (Total: 15)
	Meets June 18, 2012 - July 27, 2012	
	MTuWTh 12:00pm - 4:00pm	Location: TBA

EDCI764 **Writing Across the Curriculum**

EDCI764 *(PermReq)* **Writing Across the Curriculum; (3 credits)** Grade Method: REG.

Emphasis on providing secondary education majors with an interdisciplinary foundation in current theory, research, and best practice focused on the teaching of writing across the curriculum, e.g.,art, English, foreign languages and TESOL, language arts, mathematics, music, sciences, and social studies. Exceptional student, inclusion, and diversity issues w ill be discussed.

IHP1	Joseph McCaleb	Seats (Total: 30)
	Meets July 9, 2012 - July 23, 2012	
	MTuWTh 8:30am - 3:00pm	Location: TBA

EDCI765 **Prcesses and Acquisition of Reading**

EDCI765 Prcesses and Acquisition of Reading; (3 credits) Grade Method: REG/AUD.

Prerequisite: For Masters Certification Students only. Provide elementary education certification candidates with an understanding of reading acquisition and its underlying processes. Topics include language development in relation to reading development; the biological basis of this development; concepts in emergent literacy; models of reading acquisition and skilled reading; the effects of phonemic awareness in phonics on developing readers; factors in early childhood environments and in beginning literacy instruction that impact language and literacy achievement.

IHP1	Candice Doyle	Seats (Total: 30)
	Meets June 5, 2012 - June 28, 2012	
	MTuWTh 9:00am - 12:00pm	BLD3 2226
	Department permission required. EDCI MCERT Outreach Program, Shady Grov .	

EDCI784 **Teaching, Professional Development and School Change**

EDCI784 *(PermReq)* **Teaching, Professional Development and School Change; (3 credits)** Grade Method: REG/AUD.
Examines currrent scholarship on professional development for K-12 teachers, characteristics of good professional development, and its relationship to teaching, learning, and school improvement.

IS12	Joseph McCaleb	Seats (Total: 30)
	Meets June 18, 2012 - July 16, 2012	
	MTuWTh 12:30pm - 3:30pm	Location: TBA
	Professional Development Outreach Offering, National Writing Project. epartment Approval Required.	

EDCI788 **Selected Topics in Teacher Education**

EDCI788 *(PermReq)* **Selected Topics in Teacher Education; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI788K **Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**
Contact department for information to register for this course.

EDCI792 **Qualitative Research II: Analysis and Interpretation of Data**

EDCI792 Qualitative Research II: Analysis and Interpretation of Data; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI791. Credit only granted for: EDCI692 or EDCI792. Formerly: EDCI692. Uses data collected in EDCI791 to consider methods oof on-going data analysis, ways of knowing and writing about field research, issues of reflexivity, and the ethical and political decisions involved in crafting text. Students will read literature on and exemplars of multiple modes of qualitative data analysis and interpretation.

0101	Linda Valli	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MW 4:00pm - 7:30pm	EDU 0206

EDCI798 **Special Problems in Teacher Education**

EDCI798 Special Problems in Teacher Education; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI799 **Master's Thesis Research**

EDCI799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI888 **Apprenticeship in Education**

EDCI888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI889 **Internship in Education**

EDCI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI898 **Pre-Candidacy Research**

EDCI898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI899 **Doctoral Dissertation Research**

EDCI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP Education Counseling and Personnel Services Summer 2012

EDCP108B **College and Career Advancement: Concepts and Skills; Academic Skills**

EDCP108B College and Career Advancement: Concepts and Skills: Academic Skills; (1 credit) Grade Method: REG/P-F/AUD.

0101	Beverly Greenfeig	Seats (Total: 100)
	Meets June 5, 2012 - June 21, 2012	
	TuWTh 10:30am - 12:30pm	SHM 2102

EDCP108E **College and Career Advancement: Concepts and Skills**

EDCP108E College and Career Advancement: Concepts and Skills; (1 credit) Grade Method: REG/P-F/AUD.
Restricted to Academic Achievement Program Students.

XA21	Tilahun Beyene	Seats (Total: 130)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EDCP298Z **Special Problems in Counseling and Personnel Services; British Life and Society in a Cross-Cultural Context**
Contact department for information to register for this course.

EDCP318W **Applied Contextual Leadership; Leadership and the Workplace**

EDCP318W Applied Contextual Leadership: Leadership and the Workplace; (3 credits) Grade Method: REG/P-F/AUD.
An exploration of leadership theory and practice in the workplace: leadership versus management, ethics in the workplace, leadership in groups, teamwork, and practical application of leadership models. Students enrolled in the course must have a job (and job setting) to participate in the course fully. This is an online course, which will be taught using Blackboard. There will be no classroom meetings. Students who have questions can contact the instructor at dostick@umd. edu

OM11	Daniel Ostick	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

OM12	Stephanie Chang	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

EDCP318X **Applied Contextual Leadership; Norway: Adventure Leadership**
Contact department for information to register for this course.

EDCP386 **Experiential Learning**

EDCP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of EDUC-Counseling, Higher Education and Special Education department; and Junior standing or higher.

Contact department for information to register for this course.

EDCP498 **Special Problems in Counseling and Personnel Services**
Contact department for information to register for this course.

EDCP605 **Developmental Issues in Counseling Adults**

EDCP605 Developmental Issues in Counseling Adults; (3 credits) Grade Method: REG/AUD.
Theoretical approaches to adult development. The scope and variety of settings (industry, education, government) in which programs of adult counseling and guidance take place, and the nature of such programs.

IHP1	Mary Ann Hoffman	Seats (Total: 16)
	Meets June 25, 2012 - June 29, 2012	
	MTuWThF 9:00am - 4:00pm	Location: TBA
	EDCP Outreach Offering. Department permission required. Contact Diane James at djames1@umd.edu.	

EDCP610 **Professional Orientation**

EDCP610 Professional Orientation; (3 credits) Grade Method: REG/AUD.
Survey of knowledge base and practices in counseling and personnel services specializations, professional ethics, credentialling relevant legislation, current issues.

PC01	Roxanna Pebdani	Seats (Total: 20)
	Meets May 30, 2012 - June 18, 2012	
	MW 9:00am - 12:00pm	TWS 0221
	MW 1:00pm - 4:00pm	TWS 0221
	Open only to the Navy LEAD cohort. Prerequisite: permission of department.	

EDCP615 **Counseling I: Appraisal**

EDCP615 Counseling I: Appraisal; (3 credits) Grade Method: REG/AUD.
Corequisite: Concurrently enrolled in EDCP618. Restriction: Must be in a major within EDUC-Counseling, Higher Education and Special Education department. Collection and interpretation of appraisal data, synthesis of data through case study procedures. Development of interview skills.

0101	MARJA HUMPHREY	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 4:00pm - 7:00pm	EDU 3233
IHP1	Ellen Fabian	Seats (Total: 16)
	Meets June 11, 2012 - June 15, 2012	
	MTuWThF 9:00am - 4:00pm	Location: TBA
	EDCP Outreach Offering. Department permission required. Contact Diane James at djames1@umd.edu.	

EDCP618 **Counseling Skills: Introduction to Practicum**

EDCP618 Counseling Skills: Introduction to Practicum; (3 credits) Grade Method: REG/AUD.
Open only to the Navy LEAD cohort. Departmental permission required.

PC11	Dennis Kivlighan	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 9:00am - 12:00pm	EDU 3233
	Class time/details on ELMs	ONLINE
	Open only to the Navy LEAD cohort. Prerequisite: permission of department.	

EDCP619 **Practicum in Counseling; Counselling Skills II**

EDCP619 Practicum in Counseling: Counselling Skills II; (2-6 credits) Grade Method: REG/AUD.

PC02	Marybeth Drechsler Sharp	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MW 9:00am - 12:00pm	EDU 3315
	Open only to the Navy LEAD cohort. Prerequisite: permission of department.	

EDCP625 **Counseling the Chemically Dependent**

EDCP625 Counseling the Chemically Dependent; (3 credits) Grade Method: REG/AUD.
Chemical dependency and its effects on the individual's personal, social, and work functioning. Counseling procedures for persons with drug and alcohol problems.

IHP1	Terri Ferguson	Seats (Total: 10)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE
	Departmental permission required; Registration by Outreach Office.	

EDCP668 **Special Topics in Rehabilitation**

EDCP668 Special Topics in Rehabilitation; (1-6 credits) Grade Method: REG/AUD.

IHP1	Dale Verstegen, Debra Luecking	Seats (Total: 13)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE
	Department permission required; Registration by Outreach Office.	

EDCP694 **Student Leadership Development**

EDCP694 Student Leadership Development; (3 credits) Grade Method: REG/AUD. *Credit only granted for: EDCP694 or EDCP789D. Formerly: EDCP789D.* Explores the development of leadership among college students including the study of leadership theory; a focus on how leadership is learned and developed; cultural demensions of leadership; and exposure to the current national scene in leadership associations, programs, and resources. Open to Navy Lead Students Only. Departmental permission required.

PC21	Elizabeth Niehaus	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MW 12:30pm - 3:30pm Class time/details on ELMs	EDU 3236 ONLINE
	Open to Navy Lead Students Only. Prerequisite: permission of department	

EDCP771 **The College Student**

EDCP771 The College Student; (3 credits) Grade Method: REG/AUD.
A demographic study of the characteristics of college students as well as a study of their aspirations, values, and purposes. Open only to the Navy LEAD cohort. Departmental permission required.

PC11	Elizabeth Niehaus	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 12:30pm - 3:30pm Class time/details on ELMs	EDU 3233 ONLINE
	Open to Navy Lead cohort. Prerequisite: permission of department.	

EDCP788 **Advanced Practicum**

EDCP788 Advanced Practicum; (1-6 credits) Grade Method: REG/AUD.

0138	Julia Bryan	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
	Restricted to Counselor Education students only.	
0238	Julia Bryan	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	
	Restricted to Counselor Education students only.	

EDCP789 **Advanced Topics in Counseling and Personnel Services**

EDCP789 *(PermReq)* **Advanced Topics in Counseling and Personnel Services; (3 credits)** Grade Method: REG/AUD.

IHP1	Vivian Lee	Seats (Total: 16)
	Meets May 29, 2012 - June 2, 2012	
	TuWThFSa 9:00am - 4:00pm	Location: TBA
	EDCP Outreach Offering. Department permission required. Contact Diane James at djames1@umd.edu.	

EDCP789C **Advanced Topics in Counseling and Personnel Services; Capstone Project Two**

EDCP789C Advanced Topics in Counseling and Personnel Services: Capstone Project Two; (1-6 credits) Grade Method: REG/AUD.

IHP1	Patricia Nemec	Seats (Total: 10)
	Meets May 29, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE
	Department permission required; Registration by Outreach Office.	

EDCP789M **Advanced Topics in Counseling and Personnel Services; Advanced Multicultural**

EDCP789M Advanced Topics in Counseling and Personnel Services: Advanced Multicultural; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Open to Counselor Education students only.

Contact department for information to register for this course.

EDCP789R **Advanced Topics in Counseling and Personnel Services; College Teaching Seminar**

EDCP789R Advanced Topics in Counseling and Personnel Services: College Teaching Seminar; (1-3 credits) Grade Method: REG.

0101	William Strein	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	Tu 1:00pm - 3:00pm	EDU 0206

EDCP798 **Special Problems in Counseling and Personnel Services**

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP798C **Special Problems in Counseling and Personnel Services; Capstone Project**

Contact department for information to register for this course.

EDCP799 **Master's Thesis Research**

EDCP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP870 **Professional Issues Seminar**

EDCP870 Professional Issues Seminar; (3 credits) Grade Method: REG/AUD. *Credit only granted for: EDCP656 or EDCP870. Formerly: EDCP656.* Examination of issues that bear on professional issues such as ethics, inter-professional relationships and research.

0201	Jessica McKechnie	Seats (Total: 14)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 3:40pm - 7:00pm	EDU 3233

EDCP888 **Apprenticeship in Counseling and Personnel Services**

EDCP888 Apprenticeship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888A **Apprenticeship in Counseling and Personnel Services; College Student Personnel**

EDCP888A Apprenticeship in Counseling and Personnel Services: College Student Personnel; (3 credits) Grade Method: REG/AUD.
Restricted to CSP students.

0101	Marsha Guenzler-Stevens	Seats (Total: 12)
	Meets May 29, 2012 - August 11, 2012	
	M 2:00pm - 5:00pm	EDU 1210B
	Contact instructor or department for details.	

EDCP889 **Internship in Counseling and Personnel Services**

EDCP889 Internship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP898 **Pre-Candidacy Research**

EDCP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP899 **Doctoral Dissertation Research**

EDCP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD Education, Human Development Summer 2012

EDHD320 **Human Development Through the Life Span**

EDHD320 Human Development Through the Life Span; (3 credits) Grade Method: REG/AUD. GenEd: Distributive Studies - History and Social Sciences.
Central concepts related to parameters of human development, individual and social, which arise throughout the life span. Continuity and change within the developing individual.

0101	Emily Grossnickle **Meets May 29, 2012 - July 8, 2012** MW 12:20pm - 3:45pm	Seats (Total: 30) EDU 3315
0201	Lauren Musu-Gillette **Meets July 9, 2012 - August 19, 2012** TuTh 9:30am - 12:35pm	Seats (Total: 35) EDU 1107

EDHD413 **Adolescent Development**

EDHD413 Adolescent Development; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Adolescent development, including special problems encountered in contemporary culture. Observational component and individual case study.

0101	Jennie Lee-Kim **Meets May 29, 2012 - July 8, 2012** TuTh 9:30am - 12:40pm	Seats (Total: 40) EDU 3315
0201	Lauren Musu-Gillette **Meets July 9, 2012 - August 19, 2012** TuTh 12:40pm - 3:45pm	Seats (Total: 25) EDU 3236
IHP1	Alice Donlan **Meets June 5, 2012 - June 28, 2012** MTuWTh 1:00pm - 4:00pm *Outreach Offering for TLPL MCERT Program. Program permission required. Contact Diane James at djames1@umd.edu.*	Seats (Total: 25) Location: TBA
IHP2	Megan Kelly **Meets July 9, 2012 - August 2, 2012** MTuWTh 1:00pm - 4:00pm *Outreach Offering for TLPL MCERT Program. Program permission required. Contact Diane James at djames1@umd.edu.*	Seats (Total: 25) Location: TBA

EDHD425 **Language Development and Reading Acquisition**

EDHD425 Language Development and Reading Acquisition; (3 credits) Grade Method: REG.
This course focuses on young children's language development and the relationship between language and reading acquisition. Students will learn: concepts central to language development; language achievements at different ages; concepts of emergent literacy; models of reading acquisition and skilled reading.

0201	Angela McRae **Meets July 9, 2012 - August 19, 2012** TuTh 12:30pm - 3:40pm	Seats (Total: 35) EDU 1121

EDHD426 **Cognition and Motivation in Reading: Reading in Content Areas I**

EDHD426 Cognition and Motivation in Reading: Reading in Content Areas I; (3 credits) Grade Method: REG.
Students preparing for secondary teaching will learn the cognitive and motivational aspects of reading and learning from text in subjects of literature, science, history and mathematics. Different structured approaches to using text for content learning are presented. Classroom contexts that enable students to engage productively with diverse texts and internet resources are identified.

0101	Christine Ground	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 4:00pm - 7:20pm	EDU 3315

EDHD430 **Adolescent Violence**

EDHD430 Adolescent Violence; (3 credits) Grade Method: REG/AUD.
Prerequisite: PSYC100; or permission of EDUC-Human Development and Quantitative Methodology department. Examines the roots of violence among adolescents and the extent to which this constitutes a problem in various settings. Research studies on its origins, prevention and intervention and implications for social policy are examined.

0101	Robert Marcus	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	MW 4:00pm - 7:25pm	EDU 3315

EDHD489 **Field Experiences in Education**

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD498 **Special Problems in Education**

EDHD498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD602 **Social Bases of Behavior**

Contact department for information to register for this course.

EDHD798 **Laboratory in Human Development**

EDHD798 Laboratory in Human Development; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD799 **Master's Thesis Research**

EDHD799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD888 **Apprenticeship in Human Development Research**

EDHD888 Apprenticeship in Human Development Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD889 **Practicum in Human Development**

EDHD889 Practicum in Human Development; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD898 **Pre-Candidacy Research**

EDHD898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD899 **Doctoral Dissertation Research**

EDHD899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI Education Leadership, Higher Ed and International Ed — Summer 2012

EDHI338P **Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Germany: Propaganda and Graphic Design**

Contact department for information to register for this course.

EDHI488 **Special Topics in Education Policy and Administration**

EDHI488 Special Topics in Education Policy and Administration; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI489 **Field Experiences in Education**

EDHI489 Field Experiences in Education; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI498 **Special Problems in Education**

EDHI498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD.

0132	Noah Drezner **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0229	Robert Waters **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 1)

0232	Noah Drezner	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EDHI672 **Modes of Inquiry in Education Research**

EDHI672 Modes of Inquiry in Education Research; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI672, EDPL672, or EDPS672. Formerly: EDPL672.
Introduction to modes of inquiry appropriate to research on issues and problems in education. Examination of qualitative, quantitative and mixed research methods and designs with a focus on related standards of quality. This course contains a Blackboard/ELMS component.

0401	Steven Klees, Jing Lin	Seats (Total: 15)
	Meets July 9, 2012 - July 27, 2012	
	MWTh 3:00pm - 7:15pm	EDU 2102

EDHI679 **Master's Seminar**

EDHI679 Master's Seminar; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI689 **Practicum In Educational Administration and Supervision**

EDHI689 *(PermReq)* **Practicum In Educational Administration and Supervision; (1-3 credits)** Grade Method: S-F.

0105	Patricia Richardson	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0124	Helene Cohen	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0205	Patricia Richardson	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

0224	Helene Cohen	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EDHI744 **Organizational Theory in Research and Practice**

EDHI744 Organizational Theory in Research and Practice; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI744, EDPL744, or EDPS744. Formerly: EDPL744. This course provides an overview of the study of organizations for graduate students interested in education and social policy. Class lectures focus on contrasting theories and critiquing application of theories to social policy problems with an emphasis on education. Case materials focus on a variety of organizational areas including: schools, hospitals, non-profit community based organizations, the arts, elected bodies, higher education and private business.

IHP1	Elizabeth Morgan	Seats (Total: 16)
	Meets June 4, 2012 - July 5, 2012	
	MTh 9:00am - 4:00pm Class time/details on ELMs	Location: TBA ONLINE
	CHSE/MPEL Outreach course offering. Department permission required.	

EDHI788B **Special Topics in Education Policy and Administration; Proposal Writing Seminar**
Contact department for information to register for this course.

EDHI788D **Special Topics in Education Policy and Administration**
Contact department for information to register for this course.

EDHI788I **Special Topics in Education Policy and Administration; The Role of the Educational Leader in Managing and Integrating Technology in Organizations**
Contact department for information to register for this course.

EDHI788Y **Special Topics in Education Policy and Administration; State-Level Higher Education Research**

EDHI788Y Special Topics in Education Policy and Administration: State-Level Higher Education Research; (3 credits) Grade Method: REG/AUD.

0101	Marvin Titus **Meets May 29, 2012 - July 8, 2012** TuTh 4:00pm - 7:30pm	Seats (Total: 20) EDU 2102

EDHI789 **Doctoral Practicum in Administration and Supervision**

EDHI789 Doctoral Practicum in Administration and Supervision; (1-3 credits) Grade Method: S-F.

0106	Hanne Mawhinney **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0206	Hanne Mawhinney **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

EDHI798 **Special Problems in Education**

EDHI798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI799 **Master's Thesis Research**

EDHI799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F.

0132	Noah Drezner **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0232	Noah Drezner **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

EDHI889 **Internship in Education**

EDHI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI898 **Pre-Candidacy Research**

Contact department for information to register for this course.

EDHI899 **Doctoral Dissertation Research**

EDHI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS Measurement, Statistics, and Evaluation Summer 2012

EDMS451 **Introduction to Educational Statistics**

EDMS451 Introduction to Educational Statistics; (3 credits) Grade Method: REG/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Restriction: Sophomore standing or higher. Credit only granted for: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201.
Introduction to statistical reasoning; location and dispersion measures; computer applications; regression and correlation; formation of hypotheses tests; t-test; one-way analysis of variance; analysis of contingency tables.

0101	Ming Li	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 2:00pm - 3:40pm	EDU 0212

EDMS645 **Quantitative Research Methods I**

EDMS645 Quantitative Research Methods I; (3 credits) Grade Method: REG/AUD. Research design and statistical applications in educational research: data representation; descriptive statistics; estimation and hypothesis testing. Application of statistical computer packages is emphasized.

0101	William Dardick	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 5:00pm - 8:40pm	EDU 0212

EDMS798 **Special Problems in Education**

EDMS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS799 **Master's Thesis Research**

EDMS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS889 **Internship in Measurement and Statistics**

EDMS889 *(PermReq)* **Internship in Measurement and Statistics; (3-12 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS898 **Pre-Candidacy Research**

EDMS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS899 **Doctoral Dissertation Research**

EDMS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS301 **Foundations of Education**

EDPS301 Foundations of Education; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: EDPL301 or EDPS301. Formerly: EDPL301. Social context of education and conflicts over philosophies, values, and goals that are reflected in educational institutions in our pluralistic society. Helps teachers become reflective, critical thinkers about the social and philosophical issues they face and the choices they make.

0101	Dennis Herschbach	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MW 3:40pm - 7:05pm	EDU 2119

EDPS489 **Field Experiences in Education**

EDPS489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG/P-F/AUD.

0123	Steven Selden	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0216	Francine Hultgren	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EDPS634 **The School Curriculum**

EDPS634 The School Curriculum; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI634, EDPL634, or EDPS634. Formerly: EDPL634. A foundations course embracing the curriculum as a whole from early childhood through adolescence, including a review of historical developments, an analysis of conditions affecting curriculum change, an examination of issues in curriculum making, and a consideration of current trends in curriculum design.

0101	Steven Selden	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 3:45pm - 7:00pm	EDU 2101

EDPS679 **Master's Seminar**

EDPS679 Master's Seminar; (3 credits) Grade Method: REG/AUD.

0116	Francine Hultgren	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

EDPS798 **Special Problems in Education**

EDPS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS888 **Apprenticeship in Education**

EDPS888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS889 **Internship in Education**

EDPS889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS898 **Pre-Candidacy Research**

EDPS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS899 **Doctoral Dissertation Research**

EDPS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP Education, Special Summer 2012

EDSP210 **Introduction to Special Education**

EDSP210 Introduction to Special Education; (3 credits) Grade Method: REG/AUD. GenEd: Diversity - Understanding Plural Societies.
Restriction: Must not have completed EDSP470. And permission of EDUC-Counseling, Higher Education and Special Education department; or Freshman standing; or Sophomore standing. Credit only granted for: EDSP210 or EDSP470.
Characteristics and needs of individuals receiving special education and related services. Current issues and practices in special education. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0101	Allyson Toronto, Jason Miller **Meets May 29, 2012 - June 15, 2012** MTuWThF 4:00pm - 6:45pm	Seats (Total: 25) EDU 1121
0401	Leslie Page-Voth **Meets July 9, 2012 - July 27, 2012** TuTh 9:00am - 4:50pm	Seats (Total: 25) EDU 3315

EDSP376 **Fundamentals of Sign Language**

EDSP376 Fundamentals of Sign Language; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Diversity - Cultural Competency.
Receptive and expressive skills in American Sign Language. Examination of the causes of deafness, characteristics of deaf education, and aspects of the culture of the deaf community.

0101	Michael Dunham **Meets May 29, 2012 - July 2, 2012** MW 4:00pm - 7:00pm Contact instructor or department for details.	Seats (Total: 27) EDU 2101

EDSP403 **Instruction of Students with Physical Disabilities**

EDSP403 Instruction of Students with Physical Disabilities; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Special Education program; or must be in one of the following programs (Special Education (Doctoral); Special Education (Master's)). Also offered as: EDSP603. Credit only granted for: EDSP403 or EDSP603. Assessment, curriculum, and instruction for students with physical disabilities. Focus on etiology, environmental and learning adaptations, and assistive technology. Not open to students in the 5-Year Combined BS/MEd Program in Special Education, major codes 0808P and 0808L.

0101	Frances Kohl	Seats (Total: 12)
	Meets May 29, 2012 - June 21, 2012	
	MTuWTh 4:15pm - 7:00pm	EDU 3236

EDSP413 **Behavior and Classroom Management in Special Education**

EDSP413 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Special Education program; or must be in one of the following programs (Special Education (Doctoral); Special Education (Master's)). Also offered as: EDSP613. Credit only granted for: EDSP321, EDSP413, or EDSP613. Formerly: EDSP321. Use of applied behavior analysis for assessment of behavior and learning environments. Design of behavior and classroom management of students in special education.

0101	Paul Livelli	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 7:15pm - 10:15pm	EDU 2119

EDSP415 **Assessment in Special Education**

EDSP415 Assessment in Special Education; (3 credits) Grade Method: REG/AUD.
Recommended: STAT100; or SOCY201. Restriction: Must be in Special Education program; and must be in one of the following programs (Special Education (Doctoral); Special Education (Master's)). Also offered as: EDSP615. Credit only granted for: EDSP320, EDSP415, or EDSP615. Formerly: EDSP320. Knowledge and skills for understanding assessment process and interpretation of assessment data. Emphasis on psychometric aspects of assessment related to screening, eligibility, and program planning.

0201	Miji Kim, Jennifer Kline	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MW 7:00pm - 10:10pm	EDU 1107

EDSP416 **Reading and Writing Instruction in Special Education I**

EDSP416 Reading and Writing Instruction in Special Education I; (3 credits) Grade Method: REG/AUD. GenEd: Distributive Studies - Humanities. *Restriction: Must be in Special Education program; or must be in one of the following programs (Special Education (Doctoral); Special Education (Master's)). Also offered as: EDSP616. Credit only granted for: EDSP416, EDSP443, or EDSP616. Formerly: EDSP443.* Assessment and instruction of reading and writing skills for students in special education.

0201	Christine Goode, Christy Kelly	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MW 4:00pm - 7:00pm	EDU 1107

EDSP421 **Field Placement in Special Education: Early Childhood I**

EDSP421 *(PermReq)* **Field Placement in Special Education: Early Childhood I; (4-3 credits)** Grade Method: REG. GenEd: Distributive Studies - Scholarship in Practice. *Restriction: Must be in Special Education program; or must be in one of the following programs (Special Education (Doctoral); Special Education (Master's)).* Field experience I in early childhood special education. Students without the required pre- or corequisites can register for this course with departmental approval. Open to special education graduate students only for this term.

0101	M Brown	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	M Brown	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EDSP450 **Inclusive Practices in the Schools**

EDSP450 Inclusive Practices in the Schools; (3 credits) Grade Method: REG.
Also offered as: EDSP606. Credit only granted for: EDSP450, EDSP606, or EDSP788P. Educational practices regarding inclusive education in the schools for students with and without disabilities.

0101	Barbara Gruber **Meets May 29, 2012 - July 8, 2012** TuTh 4:00pm - 7:00pm	Seats (Total: 35) EDU 0202

EDSP470 **Introduction to Special Education**

EDSP470 Introduction to Special Education; (3 credits) Grade Method: REG/AUD.
GenEd: Diversity - Understanding Plural Societies.
Restriction: Must not have completed EDSP210. Credit only granted for: EDSP210 or EDSP470. Designed to give an understanding of the needs of all types of exceptional children. Open to all students except undergraduate special education majors. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0101	Jason Miller, Allyson Toronto **Meets May 29, 2012 - June 15, 2012** MTuWThF 4:00pm - 6:45pm	Seats (Total: 25) EDU 1121
0401	Leslie Page-Voth **Meets July 9, 2012 - July 27, 2012** TuTh 9:00am - 4:50pm	Seats (Total: 25) EDU 3315

EDSP476 **Communicating with Sign Language**

EDSP476 Communicating with Sign Language; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: EDSP376. Restriction: Permission of EDUC-Counseling, Higher Education and Special Education department. Intermediate level receptive/expressive skills in American Sign Language. Aspects of the culture, history, and research perspectives of the deaf community.

0201	Michael Dunham **Meets July 9, 2012 - August 15, 2012** MW 4:00pm - 7:00pm Contact instructor or department for details.	Seats (Total: 27) EDU 1121

EDSP485 **Assessment and Instruction in Mathematics in Special Education**

EDSP485 Assessment and Instruction in Mathematics in Special Education; (3 credits) Grade Method: REG.
Restriction: Must be in Special Education program; or must be in one of the following programs (Special Education (Doctoral); Special Education (Master's)). Credit only granted for: EDSP485 or EDSP683. Instructional methods and assessment in mathematics in special education .

0101	Jason Miller, Paula Maccini	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MW 4:00pm - 7:00pm	EDU 1107
	Contact instructor or department for details.	

EDSP489 **Field Experiences in Special Education**

EDSP489 Field Experiences in Special Education; (1-4 credits) Grade Method: REG/P-F/AUD.

0101	M Brown	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	M Brown	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EDSP498 **Special Problems in Special Education**

EDSP498 Special Problems in Special Education; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP499L **Workshops, Clinics, and Institutes in Special Education; Denmark, Netherlands, Germany & U.S.: Comparative Approaches to Treatment and Incarceration**
Contact department for information to register for this course.

EDSP603 **Instruction of Students with Physical Disabilities**

EDSP603 Instruction of Students with Physical Disabilities; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program. Also offered as: EDSP603. Credit only granted for: EDSP403 or EDSP603. Assessment, curriculum, and instruction for students with physical disabilities. Focus on etiology, environmental and learning adaptations, and assistive technology. Not open to students in the 5-Year Combined BS/MEd Program in Special Education, major codes 0808P and 0808L.

0101	Frances Kohl	Seats (Total: 12)
	Meets May 29, 2012 - June 21, 2012	
	MTuWTh 4:15pm - 7:00pm	EDU 3236

EDSP606 **Advanced Study in Inclusive Practices in The Schools**

EDSP606 Advanced Study in Inclusive Practices in The Schools; (3 credits) Grade Method: REG/AUD.
Also offered as: EDSP606. Credit only granted for: EDSP450, EDSP606, or EDSP788P. Formerly: EDSP788P. Educational practices regarding inclusive education in the schools for students with and without disabilities.

0101	Barbara Gruber	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 4:00pm - 7:00pm	EDU 0202

EDSP613 **Behavior and Classroom Management in Special Education**

EDSP613 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program; or permission of instructor. Also offered as: EDSP613. Credit only granted for: EDSP413 or EDSP613. Applied behavior analysis for assessment of behavior and learning environments. Behavior and classroom management strategies for students in special education.

0101	Paul Livelli	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 7:15pm - 10:15pm	EDU 2119

EDSP615 **Evaluation and Measurement of Exceptional Children and Youth**

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDSP600 and EDMS646; or permission of EDUC-Counseling, Higher Education and Special Education department. Also offered as: EDSP615. Credit only granted for: EDSP415 or EDSP615. Deals with the understanding and interpretation of the results of psychological and educational tests applicable for use with exceptional children and youth.

0201	Jennifer Kline, Miji Kim	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MW 7:00pm - 10:10pm	EDU 1107

EDSP616 **Reading and Writing Instruction in Special Education I**

EDSP616 Reading and Writing Instruction in Special Education I; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program. Also offered as: EDSP616. Credit only granted for: EDSP416 or EDSP616. Assessment and instruction of reading and writing skills and strategies for students in special education.

0201	Christine Goode, Christy Kelly	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MW 4:00pm - 7:00pm	EDU 1107

EDSP670 **Single Subject Research in Special Education**

EDSP670 Single Subject Research in Special Education; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDSP600. Restriction: Permission of EDUC-Counseling, Higher Education and Special Education department. Design, application, and analysis of single subject research in special education classrooms across all disabilities.

0101	Andrew Egel	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MW 4:00pm - 7:15pm	EDU 2102
	Contact instructor or department for details.	

EDSP678I **Seminar in Special Education; Infants & Toddlers Born Prematurely-Medical & Developmental Issues**

EDSP678I Seminar in Special Education: Infants & Toddlers Born Prematurely-Medical & Developmental Issues; (3 credits) Grade Method: REG/AUD.
Explores the medical and developmental issues facing infants and toddlers born prematurely and their families, while in the NICU and after discharge. Guest speakers and regular visits to the NICU are integral components of the course. Student should contact Dr. Hussey-Gardner (bhussey @peds.umaryland.edu) prior to the first class for more information regarding directions and parking. Meets 05/31/11-07/10/11 Mondays 3:00-9:00pm at the University of Maryland School of Medicine, 29 South Greene Street, GS110, Baltimore, MD 21201.

0201	Brenda Hussey-Gardner	Seats (Total: 12)
	Meets July 9, 2012 - August 19, 2012	
	M 3:00pm - 9:00pm	Location: TBA

EDSP683 **Assessment and Instruction in Mathematics in Special Education**

EDSP683 Assessment and Instruction in Mathematics in Special Education; (3 credits) Grade Method: REG.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program. Also offered as: EDSP485. Credit only granted for: EDSP485 or EDSP683. Instructional methods and assessment in mathematics in special education.

0101	Paula Maccini, Jason Miller	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MW 4:00pm - 7:00pm	EDU 1107
	Contact instructor or department for details.	

EDSP687 **Family Partnerships in Special Education**

EDSP687 Family Partnerships in Special Education; (3 credits) Grade Method: REG.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program. Also offered as: EDSP487. Credit only granted for: EDSP487 or EDSP687. Strategies for communicating and working with families of students with disabilities.

0501	Martha Moon	Seats (Total: 25)
	Meets June 18, 2012 - July 6, 2012	
	MTuWThF 4:00pm - 6:35pm	ASY 2309

EDSP788A **Selected Topics in Special Education**

EDSP788A Selected Topics in Special Education; (1-3 credits) Grade Method: REG/AUD.

0501	Diane Kelly	Seats (Total: 15)
	Meets June 25, 2012 - June 29, 2012	
	MTuWThF 8:00am - 4:30pm	EDU 1315

EDSP798 **Special Problems in Special Education**

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP799 **Master's Thesis Research**

EDSP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP799L **Master's Thesis Research; Denmark, Netherlands, Germany & U.S.: Comparative Approaches to Treatment and Incarceration**

Contact department for information to register for this course.

EDSP888 **Apprenticeship in Special Education**

EDSP888 Apprenticeship in Special Education; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888A **Apprenticeship in Special Education; Apprenticeship in College Teaching**

EDSP888A Apprenticeship in Special Education: Apprenticeship in College Teaching; (3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0104	Joan Lieber **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0105	Andrew Egel **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0108	Frances Kohl **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0109	Peter Leone **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0111	Martha Moon **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0114	Paula Maccini **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0115	Deborah Speece **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0116	Paula Beckman **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0117	Rebecca Silverman **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

0118	Susan De La Paz **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0120	Margaret McLaughlin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0121	Debra Neubert **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0122	Philip Burke **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0124	Leslie Page-Voth **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0125	Jade Wexler **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0204	Joan Lieber **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0205	Andrew Egel **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0208	Frances Kohl **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0209	Peter Leone **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0210	Leslie Page-Voth **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0211	Martha Moon **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0214	Paula Maccini **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0215	Deborah Speece **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0216	Paula Beckman **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0217	Rebecca Silverman **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0218	Susan De La Paz **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0220	Margaret McLaughlin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0221	Debra Neubert **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0222	Philip Burke **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

0225	Jade Wexler	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EDSP889 **Internship in Special Education**

EDSP889 *(PermReq)* **Internship in Special Education; (3-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP898 **Pre-Candidacy Research**

EDSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP899 **Doctoral Dissertation Research**

EDSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EMBA Executive MBA Program Summer 2012

EMBA611 **Managerial Accounting**
Contact department for information to register for this course.

EMBA621 **Strategic and Transformational Information Technology**
Contact department for information to register for this course.

EMBA630 **Data Models and Decisions**
Contact department for information to register for this course.

EMBA693 **Supply Chain**
Contact department for information to register for this course.

EMBA758P **Special Topics; Integrative Business Simulation**
Contact department for information to register for this course.

EMBA759 **Independent Study**
Contact department for information to register for this course.

EMBA759F **Independent Study**

EMBA759F Independent Study; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EMBA759G **Independent Study**

EMBA759G Independent Study; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EMBA759H **Independent Study**

EMBA759H Independent Study; (1-6 credits) Grade Method: REG.

EM11	David Godes	Seats (Total: 1)
	Meets June 28, 2012 - July 24, 2012	
	Contact instructor or department for details.	

EMBA759I **Independent Study**

EMBA759I Independent Study; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EMBA759J **Independent Study**

EMBA759J Independent Study; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EMBA759K **Independent Study**

EMBA759K Independent Study; (1-6 credits) Grade Method: REG.

EM11	Charles Olson	Seats (Total: 1)
	Meets June 28, 2012 - July 24, 2012	
	Contact instructor or department for details.	

EMBA789B **Leadership Mastery**
Contact department for information to register for this course.

ENAE Engineering, Aerospace Summer 2012

ENAE202 **Aerospace Computing**

ENAE202 Aerospace Computing; (3 credits) Grade Method: REG/P-F/AUD.
Corequisite: Concurrently enrolled in MATH140. Restriction: Must be in Engineering: Aerospace program; or permission of ENGR-Aerospace Engineering department. Introduction to computational tools for the solution of engineering problems. C++ & MATLAB programming including branching and loops, functions, file handling, arrays, and data structures. Students will be introduced to object-oriented programming, basic computing, algorithms, and principles of software engineering.

0201	Robert Sanner	Seats (Total: 20)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWF 12:30pm - 1:50pm	EGR 3102	
	Th 12:00pm - 2:00pm	EGR 3102	Lab

ENAE283 **Introduction to Aerospace Systems**

ENAE283 *(PermReq)* **Introduction to Aerospace Systems; (3 credits)** Grade Method: REG.
Prerequisite: PHYS161, MATH141, and ENES102. Corequisite: Concurrently enrolled in PHYS261 and PHYS260. Restriction: Must be in Engineering: Aerospace program. Credit only granted for: (ENAE281 and ENAE282) or ENAE283. Formerly: ENAE281 and ENAE282. Introduction to airplanes and space vehicles as aerospace systems. Fundamentals that describe these systems. Elements of aerodynamics, airfoils and wings. Airplane performance, stability and control. Aircraft and rocket propulsion. Fundamentals of orbital motion. Aspects of vehicle conceptual design.

0101	Sharon Singer	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 4:30pm - 5:50pm	EGR 3106

ENAE311 **Aerodynamics I**

ENAE311 *(PermReq)* **Aerodynamics I; (3 credits)** Grade Method: REG/P-F. *Prerequisite: PHYS271, MATH461, PHYS270, MATH246, ENAE283, ENES220, ENAE202, and MATH241. Corequisite: Concurrently enrolled in ENES232. Restriction: Must be in Engineering: Aerospace program; or permission of ENGR-Aerospace Engineering department. And Junior standing or higher. Formerly: ENAE471.* Fundamentals of aerodynamics. Elements of compressible flow. Normal and oblique shock waves. Flows through nozzles, diffusers and wind tunnels. Elements of the method of characteristics and finite difference solutions for compressible flows. Aspects of hypersonic flow.

0201	Ashish Nedungadi	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MWF 4:00pm - 6:15pm	EGR 3102

ENAE423 **Vibration and Aeroelasticity**

ENAE423 *(PermReq)* **Vibration and Aeroelasticity; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENAE324. Restriction: Must be in Engineering: Aerospace program; or permission of ENGR-Aerospace Engineering department. Dynamic response of single and multiple degrees of freedom systems, finite element modeling, wing divergence, aileron reversal, wing and panel flutter.

0201	Sung Lee	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 8:00am - 9:20am	EGR 0108

ENAE499 **Elective Research; Individual Instruction**

ENAE499 *(PermReq)* **Elective Research: Individual Instruction; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE799 **Master's Thesis Research**

ENAE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE898 **Pre-Candidacy Research**

ENAE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0102	Christopher Cadou **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0106	Norman Wereley **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0107	Sung Lee **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0109	Inderjit Chopra **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0110	James Humbert **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0111	Roberto Celi **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0112	John Leishman **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0113	Mark Lewis **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)

0114	James Baeder **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0115	David Akin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0116	Robert Sanner **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0119	Kenneth Yu **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0123	Alison Flatau **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0124	Andre Marshall **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0125	James Hubbard **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0126	Derek Paley **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0127	Raymond Sedwick **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0129	Arnaud Trouve **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)

0130	Pino Martin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0132	Fredric Schmitz **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0133	Anya Jones **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0202	Christopher Cadou **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0206	Norman Wereley **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0207	Sung Lee **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0209	Inderjit Chopra **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0210	James Humbert **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0211	Roberto Celi **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0212	John Leishman **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

0213	Mark Lewis **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0214	James Baeder **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0215	David Akin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0216	Robert Sanner **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0219	Kenneth Yu **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0223	Alison Flatau **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0224	Andre Marshall **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0225	James Hubbard **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0226	Derek Paley **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0227	Raymond Sedwick **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

0229	Arnaud Trouve **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0230	Pino Martin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0232	Fredric Schmitz **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0233	Anya Jones **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

ENAE899 **Doctoral Dissertation Research**

ENAE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE Engineering, Civil Summer 2012

ENCE201 **Engineering Information Processing**

ENCE201 Engineering Information Processing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Permission of ENGR-Civil & Environmental Engineering department. Credit only granted for: ENCE201 or ENCE203. Exploration of algorithms for solving problems in several important areas of numerical computing: roots of equations; matrix algebra and the systems of linear equations; function approximation, numerical differentiation and integration; and ordinary differential equations. Issues of solution accuracy, robustness, and efficiency are also considered. Numerical techniques are presented in the context of engineering applications, and example problems are solved using a variety of computer-based tools (primarily MATLAB).

0101	Peter Chang **Meets May 29, 2012 - July 8, 2012** MW 3:00pm - 6:45pm	Seats (Total: 40) EGR 0110

ENCE360 **Analysis of Civil Engineering Systems**

Contact department for information to register for this course.

ENCE489 **Special Problems in Civil Engineering**

ENCE489 Special Problems in Civil Engineering; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE600 **The Project Management Office: Execution Across Boundaries**

ENCE600 The Project Management Office: Execution Across Boundaries; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENCE662. Restriction: Must be in one of the following programs (ENGR: MS/PhD-Civil Engineering (Master's); ENGR: MS/PhD-Civil Engineering (Doctoral); Master of Engineering (Master's)) ; or permission of ENGR-Civil & Environmental Engineering department. This course begins with a review of the project's cultural environment in order to understand the context of executing projects globally. Emphasis will be on the project office's role in stakeholders' engagement in the planning and execution aspects of projects. The coursewill also highlight the role of the project office in the virtual and agile management of project delivery; the fundamentals of communicating across different cultural boundaries; and the importance of matrixed business alliances.

PM01	Alaa Zeitoun	Seats (Total: 45)
	Meets May 28, 2013 - August 12, 2013	
	Class time/details on ELMs	ONLINE

ENCE623 **Introduction to Advanced Scheduling**

ENCE623 Introduction to Advanced Scheduling; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENCE423 or ENCE662; and permission of ENGR-Civil & Environmental Engineering department. Credit only granted for: ENCE623 or ENCE688S. A Combination of lecture and hands-on use of software to develop advanced knowledge and skills necessary to master advanced scheduling techniques for project management and control will be used. No software purchase is necessary.

0101	Kenneth O'Connell **Meets May 29, 2012 - August 19, 2012** M 4:30pm - 7:55pm	Seats (Total: 25) ITV 1111
PM01	Kenneth O'Connell **Meets May 29, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 30) ONLINE

ENCE661 **Project Cost Accounting and Finance**

ENCE661 Project Cost Accounting and Finance; (3 credits) Grade Method: REG/AUD.

This course reviews the fundamentals of accounting; examines project cost accounting principles, applications, and impact on profitability; examines the principles of activity based costing; covers the elements involved in cash management; introduces the framework for how projects are financed and the potential impact financing has on the projects; and a framework for evaluating PC based systems and what resources are needed for an effective project cost system.

PM01	James Myers **Meets May 29, 2012 - August 12, 2012** Class time/details on ELMs	Seats (Total: 45) ONLINE

ENCE663 **Management of Design and Construction Organizations**

ENCE663 Management of Design and Construction Organizations; (3 credits) Grade Method: REG/AUD.

Prerequisite: Permission of ENGR-Civil & Environmental Engineering department.

This course examines the management focus of the design and/or construction company and how corporate management is different from, yet relates to, and impacts project management. The company creates the framework within which projects may consistently achieve excellent performance or they may struggle to complete behind schedule, over budget, and not meet the customer's requirements. What makes the difference?

PM01	Neil Schulman **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 30) ONLINE

ENCE688 **Advanced Topics in Civil Engineering**

ENCE688 Advanced Topics in Civil Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE689 **Seminar**

ENCE689 Seminar; (1-16 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE799 **Master's Thesis Research**

ENCE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE898 **Pre-Candidacy Research**

ENCE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE899 **Doctoral Dissertation Research**

ENCE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH Engineering, Chemical Summer 2012

ENCH437 **Chemical Engineering Laboratory**

ENCH437 *(PermReq)* **Chemical Engineering Laboratory; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENCH440, ENCH424, ENCH442, and ENCH426. Application of chemical engineering process and unit operation principles in small-scale semi-commercial equipment. Data from experimental observations are used to evaluate performance and efficiency of operations. Emphasis on correct presentation of results in report form.

0101	Brad Gordon	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 11:00am - 12:00pm TuTh 1:00pm - 5:00pm	CHE 2145 Location: TBA	Lab

ENCH468 **Research**

ENCH468 *(PermReq)* **Research; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH648 **Special Problems in Chemical Engineering**

ENCH648 Special Problems in Chemical Engineering; (1-16 credits) Grade Method: REG/AUD.

0108	Sheryl Ehrman	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0208	Sheryl Ehrman	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

ENCH799 **Master's Thesis Research**

ENCH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH898 **Pre-Candidacy Research**

ENCH898 *(PermReq)* **Pre-Candidacy Research; (1 credit)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH899 **Doctoral Dissertation Research**

ENCH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCO Engineering, Cooperative Education — Summer 2012

ENCO098 **Co-op/Internship Work Experience**

ENCO098 *(PermReq)* **Co-op/Internship Work Experience; (No credit)** Grade Method: S-F.

CP10	Laura Davison **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 999)
CP20	Heidi Sauber, Veronica Perrigan **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 999)

ENEE Electrical & Computer Engineering — Summer 2012

ENEE200 **Social and Ethical Dimensions of Engineering Technology**

ENEE200 Social and Ethical Dimensions of Engineering Technology; (3 credits) Grade Method: REG. CORE Interdisciplinary & Emerging Issues (IE) Course. *Restriction: Sophomore standing or higher.* Designed for both engineering and non-engineering students wishing to explore and assess the impact of engineering technology on society and the role of society in generating that technology. Special emphasis is placed on the interplay of diverse and often conflicting personal and collective values in both the development and implementation of new technologies. These subjects touch on many areas of interest including ethics, politics, business, the law, and society.

0101	Wesley Lawson	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 11:00am - 12:20pm	CSI 2107	

ENEE205 **Electric Circuits**

ENEE205 *(PermReq)* **Electric Circuits; (4 credits)** Grade Method: REG. *Prerequisite: Minimum grade of C- in PHYS260; and permission of ENGR-Electrical & Computer Engineering department. Corequisite: Concurrently enrolled in MATH246. Restriction: Must be in one of the following programs (Engineering: Computer; Engineering: Electrical). Credit only granted for: ENEE204 or ENEE205. Formerly: ENEE204.* Design, analysis, simulation, construction and evaluation of electric circuits. Terminal Relationships. Kirchoff's laws. DC and AC steady state analysis. Node and mesh methods. Thevenin and Nortor equivalent circuits. Transient behavior of first- and second-order circuits. Frequency response and transfer functions. Ideal op-amp circuits. Diode and transistor circuits.

0101	Wesley Lawson	Seats (Total: 12)	
	Meets May 29, 2012 - July 19, 2012		
	MTuWTh 12:30pm - 1:50pm	CSI 1121	
	MW 8:00am - 10:50am	AVW 1356	Lab

ENEE244 **Digital Logic Design**

ENEE244 *(PermReq)* **Digital Logic Design; (3 credits)** Grade Method: REG. *Prerequisite: Permission of ENGR-Electrical & Computer Engineering department. Corequisite: Concurrently enrolled in ENEE150; or concurrently enrolled in CMSC131. Restriction: Sophomore standing or higher; and must be in one of the following programs (Engineering: Computer; Engineering: Electrical).* The design and analysis of combinational and synchronous sequential systems comprising digital logic gates and flip-flop memory devices; underlying tools such as switching and Boolean algebras and Karnaugh map simplification of gate networks; design and use of decoders, multiplexers, encoders, adders, registers, counters, sequence recognizers, programmable logic arrays (PLAs), read-only memories (ROMS, PROMS), and similar devices. Arbitrary radix conversion. Engineering College only (04).

0101	Charles Silio	Seats (Total: 30)	
	Meets May 29, 2012 - July 19, 2012		
	MTuWTh 9:30am - 10:50am	CSI 3120	

ENEE303 **Analog and Digital Electronics**

ENEE303 *(PermReq)* **Analog and Digital Electronics; (3 credits)** Grade Method: REG.

Prerequisite: Must have earned a minimum grade of regular (letter) C- in all required 200-level ENEE courses; and permission of ENGR-Electrical Computer Engineering department. Restriction: Must be in one following programs (Engineering: Electrical; Engineering: Computer). Credit only granted for: ENEE302 or ENEE303. Conceptual operation of transistors and diodes. Large and small signal operation of BJTs and MOSFETs. Basic transistor configurations. Logic circuits and semiconductor memory. Multi-transistor circuits including differential amplifiers and current mirrors. Frequency response.

0101	Manoj Franklin	Seats (Total: 40)
	Meets May 29, 2012 - July 19, 2012	
	MTuWTh 12:30pm - 1:50pm	CSI 2120

ENEE313 **Introduction to Device Physics**

ENEE313 *(PermReq)* **Introduction to Device Physics; (3 credits)** Grade Method: REG.

Prerequisite: Must have earned a minimum grade of regular (letter) C- in all required 200-level ENEE courses; and permission of ENGR-Electrical Computer Engineering department. Restriction: Must be in one following programs (Engineering: Electrical; Engineering: Computer). Credit only granted for: ENEE312 or ENEE313. Basic physics of devices including fields in solids, crystal structure, properties of electrons and holes. Current flow in Si using drift-diffusion model. Properties of the pn junction. Properties of devices including BJTs, FETs and their physical characteristics.

0101	Manoj Franklin	Seats (Total: 40)
	Meets May 29, 2012 - July 19, 2012	
	MTuWTh 9:30am - 10:50am	CSI 2120

ENEE324 **Engineering Probability**

ENEE324 *(PermReq)* **Engineering Probability; (3 credits)** Grade Method: REG. *Prerequisite: ENEE322; and Completion of all lower-division technical courses in the EE curriculum. Credit only granted for: BMGT231, STAT400 or ENEE324. Additional information: Electrical Engineering and Computer Engineering majors may not substitute STAT400 for ENEE324. These courses are not interchangeable, consult your program requirements or advisor for what is acceptable toward your program of study.* Axioms of probability; conditional probability and Bayes' rules; random variables, probability distribution and densities: functions of random variables: weak law of large numbers and central limit theorem. Introduction to random processes; correlation functions, spectral densities, and linear systems. Applications to noise in electrical systems, filtering of signals from noise, estimation, and digital communications.

0101	Manoj Franklin	Seats (Total: 40)
	Meets May 29, 2012 - July 19, 2012	
	MTuWTh 11:00am - 12:20pm	CSI 2120

ENEE350 **Computer Organization**

ENEE350 *(PermReq)* **Computer Organization; (3 credits)** Grade Method: REG. *Prerequisite: Must have earned a minimum grade of regular (letter) C- in all required 200-level ENEE courses; and permission of ENGR-Electrical Computer Engineering department. Restriction: Must be in one following programs (Engineering: Computer; Engineering: Electrical). Formerly: ENEE250. Additional information: Electrical Engineering and Computer Engineering majors may not substitute CMSC311 for ENEE350. Not open to students who have completed ENEE250.* Structure and organization of digital computers. Registers, memory, control and I/O. Data and instruction formats, addressing modes, assembly language programming. Elements of system software, subroutines and their linkages. ENEE majors (09090) only.

0101	Charles Silio	Seats (Total: 30)
	Meets May 29, 2012 - July 19, 2012	
	MTuWTh 8:00am - 9:20am	CSI 3120

ENEE488 **Independent Study in Electrical and Computer Engineering**

ENEE488 *(PermReq)* **Independent Study in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499 **Senior Projects in Electrical and Computer Engineering**

ENEE499 *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499L **Senior Projects in Electrical and Computer Engineering**

ENEE499L *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499R **Senior Projects in Electrical and Computer Engineering**

ENEE499R *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE699 **Independent Studies in Electrical Engineering**

ENEE699 *(PermReq)* **Independent Studies in Electrical Engineering; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE799 **Master's Thesis Research**

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE898 **Pre-Candidacy Research**

ENEE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE899 **Doctoral Dissertation Research**

ENEE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENES Engineering Science Summer 2012

ENES100 **Introduction to Engineering Design**

ENES100 *(PermReq)* **Introduction to Engineering Design; (3 credits)** Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Scholarship in Practice.
Corequisite: Concurrently enrolled in MATH140. Students work as teams to design and build a product using computer software for word-processing, spreadsheet, CAD, and communication skills. Students who wish to register for this section after July 12, 2011, please e-mail summer@umd.edu

YS41	David Lovell	Seats (Total: 38)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:00am - 1:00pm	JMP 1215
	This section is part of The Young Scholars Program. Enrollment by permission only.	
YS42	Peter Chang	Seats (Total: 38)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:00am - 1:00pm	JMP 1116
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ENES102 **Mechanics I**

ENES102 *(PermReq)* **Mechanics I; (3 credits)** Grade Method: REG/P-F/AUD. *Corequisite: Concurrently enrolled in MATH140. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Formerly: ENES110.* The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.

0101	Thomas Beigel **Meets May 29, 2012 - July 8, 2012** MTuWTh 12:30pm - 2:50pm	Seats (Total: 40) EGR 0110
0301	Kevin Calabro **Meets May 29, 2012 - June 15, 2012** MTuWThF 9:00am - 1:00pm	Seats (Total: 40) CHE 2136

ENES104 **Introduction to Materials and their Applications**

ENES104 *(PermReq)* **Introduction to Materials and their Applications; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must be in the Young Scholars Program. Creating a new technology, nanotechnology, biotechnology, or plastic electronics requires developing the materials first. In this class we'll explore materials science and engineering where engineers change the properties and/or behavior of a material to make them more useful. The course covers the chemical composition, phase transformations, corrosion and mechanical properties of materials as well as their electrical, thermal, magnetic and optical properties. Learn about the unlimited possibilities for innovation and adaption through the exciting field of nanotechnology.

YS41	Isabel Lloyd **Meets July 9, 2012 - July 27, 2012** MTuWThF 9:00am - 12:00pm *This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs website for further information.*	Seats (Total: 30) CHE 2118

ENES106 **Achieving Success in Mathematics**

ENES106 Achieving Success in Mathematics; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Permission of ENGR-A. James Clark School of Engineering. An exploration of the skills and habits needed to successfully complete introductory mathematics courses.

0101	Benjamin Lauser	Seats (Total: 20)
	Meets June 25, 2012 - July 27, 2012	
	MTuWThF 8:00am - 10:00am	EGR 1104

ENES107 **Achieving College Excellence**

ENES107 Achieving College Excellence; (1-3 credits) Grade Method: REG/P-F/AUD.
Restriction: Permission of ENGR-A. James Clark School of Engineering. An exploration of the skills and habits needed to successfully complete the introductory chemistry course for engineering students. Course will also include strategies for a successful first year experience.

0101	Tamara Hamilton	Seats (Total: 20)
	Meets June 25, 2012 - July 27, 2012	
	MTuWThF 10:30am - 12:00pm	EGR 0110

ENES140 **Discovering New Ventures**

ENES140 Discovering New Ventures; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Additional information: This course may count as an elective for a student at the University of Maryland, depending on the student's specific degree program. It cannot be counted towards the requirements for the Smith School of Business Entrepreneurship Fellow Program. Students explore dynamic company startup topics by working in teams to design a new venture. This multi-disciplinary course helps students to learn the basic business, strategy, and leadership skills needed to launch new ventures. Topics include learning how to assess the feasibility of a startup venture, as well as how to apply best practices for planning, launching, and managing new companies. Students discuss a wide range of issues of importance and concern to entrepreneurs and learn to recognize opportunities, assess the skills and talents of successful entrepreneurs, and learn models that help them navigate uncertainty.

YS41	James Green	Seats (Total: 65)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:30am - 12:30pm	SCC 2121
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ENES141 **Introduction to High-Tech Product Development and Marketing**

ENES141 Introduction to High-Tech Product Development and Marketing; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. GenEd: Distributive Studies - Scholarship in Practice.
Multi-disciplinary course covers basic concepts in technology marketing, business, engineering, and entrepreneurship in the context of developing and marketing innovative technology products and services. Mix of lectures, experiential learning, and hands-on team projects, culminating in student team presentations of high-tech product concepts and marketing plans.

YS41	Dean Chang	Seats (Total: 30)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:30am - 12:30pm	TAP 1103
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs Website for further information.	

ENES220 **Mechanics II**

ENES220 *(PermReq)* **Mechanics II; (3 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in ENES102; and (MATH141 and PHYS161). Restriction: Must be in a major in ENGR-A. James Clark School of Engineering; and must not be in Engineering: Electrical program.* Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.

0201	Thomas Beigel	Seats (Total: 50)
	Meets July 9, 2012 - August 19, 2012	
	MTuWTh 12:00pm - 2:20pm	EGR 0110

0501	Peter Chang	Seats (Total: 40)
	Meets June 18, 2012 - July 6, 2012	
	MTuWThF 9:00am - 1:00pm	CSI 2117
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

ENES221 **Dynamics**

ENES221 *(PermReq)* **Dynamics; (3 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in ENES102; and (MATH141 and PHYS161). Restriction: Must be in a major in ENGR-A. James Clark School of Engineering.* Systems of heavy particles and rigid bodies at rest and in motion. Force-acceleration, work-energy and impulse-momentum relationships. Motion of one body relative to another in a plane and in space.

0201	Chandrasekhar Thamire	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	MTuWTh 12:00pm - 2:20pm	EGR 1108

ENES232 **Thermodynamics**

ENES232 Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PHYS261 and PHYS260. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Credit only granted for: BIOE232, CHBE300, ENCH300, ENES232, ENMA461, ENME320, or ENME232. Formerly: ENME232 and ENME320.* Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.

0101	Kristen Hines	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 12:00pm - 2:20pm	CSI 3120

ENES269C **Grand Challenges for Engineering; Grand Challenges for Engineering: The View from China Contact department for information to register for this course.**

ENES317 **Introduction to Engineering Leadership**

ENES317 Introduction to Engineering Leadership; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: Permission of ENGR-A. James Clark School of Engineering. Corequisite: Concurrently enrolled in ENES100; or students who have taken courses with similar or comparable course content may contact the department. Focus is placed on general leadership theories in addition to real-world applications of leadership in engineering education, industry, and government.

0201	Ramsey Jabaji	Seats (Total: 20)
	Meets July 23, 2012 - August 15, 2012	
	MTuW 5:00pm - 8:10pm	EGR 2116

ENES458A **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Assessment**
Contact department for information to register for this course.

ENES458C **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Monitoring**
Contact department for information to register for this course.

ENES458I **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Implementation**
Contact department for information to register for this course.

ENES460 **Fundamentals of Technology Start-Up Ventures**

ENES460 Fundamentals of Technology Start-Up Ventures; (3 credits) Grade Method: REG/P-F/AUD.
Formerly: ENES489A. Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.

WB11	James Green	Seats (Total: 65)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

ENES472 **International Business Cultures in Engineering and Technology**

ENES472 International Business Cultures in Engineering and Technology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Permission of ENGR-A. James Clark School of Engineering. Restriction: Sophomore standing or higher. Also offered as: SLLC472. Credit only granted for: ARHU439B, ARHU439E, ARHU439T, ENES472, SLLC471, SLLC472, or SLLC473. Formerly: ARHU439T. The goal is to provide students with an understanding of cultural aspects pertaining to global business and engineering and develop the cultural understanding, attitudes, and communication skills needed to function appropriately within an increasingly global and multicultural working environment.

WB11	Kirsten Dabelko	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

ENFP Engineering, Fire Protection Summer 2012

ENFP429 **Independent Studies**

ENFP429 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP613 **Human Response to Fire**

ENFP613 Human Response to Fire; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of ENGR-Fire Protection Engineering department. Fractional effective dose (FED) methods for predicting time to incapacitation and death of fires for use in fire safety engineering calculations. Physiology and toxicology of fire effluent components, decomposition chemistry of common materials, standard experimental approaches. Predictive models of material production rates. People movement characteristics related to building evacuation. Formulation and application of evacuation models. Human behavior factors affecting response of people to fire situations.

EF01	David Purser, Steven Gwynne	Seats (Total: 40)
	Meets June 4, 2012 - August 20, 2012	
	Class time/details on ELMs	ONLINE

ENFP629 **Selected Topics**

ENFP629 Selected Topics; (3-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP629C **Selected Topics; Advanced Fire Supression**

ENFP629C Selected Topics: Advanced Fire Supression; (3 credits) Grade Method: REG/AUD.

EF01	Jason Sutula	Seats (Total: 40)
	Meets June 4, 2012 - August 20, 2012	
	Class time/details on ELMs	ONLINE

ENFP649 **Special Problems**

ENFP649 Special Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP799 **Master's Thesis Research**

ENFP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL English Summer 2012

ENGL101 **Academic Writing**

ENGL101 Academic Writing; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Academic Writing.
An introductory course in expository writing. An introductory course in academic writing.

0201	Heather Lindenman	Seats (Total: 22)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 12:00pm - 3:15pm	TWS 0214

HY11	Thomas Earles **Meets May 29, 2012 - July 8, 2012** W 6:00pm - 9:15pm Class time/details on ELMs	Seats (Total: 22) TWS 0201 ONLINE
HY51	Linda Macri **Meets June 18, 2012 - July 29, 2012** MTuWTh 11:30am - 12:30pm Class time/details on ELMs	Seats (Total: 18) SPH 0305 ONLINE

ENGL206 **Shakespeare**

ENGL206 Shakespeare; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Credit only granted for: ENGL205, ENGL206, or ENGL289I. Formerly: ENGL205.
Shakespeare's poems, history plays, comedies, and tragedies as investigations into language use, governance, sexuality, ethics, and mortality.

WB11	Kimberly Coles **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENGL222 **American Literature: 1865 to Present**

ENGL222 American Literature: 1865 to Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Surveys American writing from the Civil War through the Cold War. Authors such as Clemens, Frost, Hurston, Bellow.

WB21	Tasos Lazarides **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 20) ONLINE

ENGL243 **What is Poetry?**

ENGL243 What is Poetry?; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
An exploration of arguably the most complex, profound, and ubiquitous expression of human experience. Study through close reading of significant forms and conventions of Western poetic tradition. Poetry's roots in oral and folk traditions and connections to popular song forms.

WB21	Lindsay Bernal	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

ENGL245 **Film Form and Culture**

ENGL245 Film Form and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Credit only granted for: CMLT214, CMLT245, or ENGL245. Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.

WB11	Oliver Gaycken	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE
WB21	Paul Cote	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

ENGL246 **Introduction to the Short Story**

ENGL246 Introduction to the Short Story; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
A survey of the genre, with a focus on significant elements, such as plot, character, description, style, and theme. Readings will be drawn from a range of cultures and communities. Part of Freshman First.

FF61	Lewis Gleich	Seats (Total: 25)
	Meets July 30, 2012 - August 17, 2012	
	MTuWTh 9:00am - 12:20pm	TWS 0205

ENGL250 **Introduction to Literature by Women**

ENGL250 Introduction to Literature by Women; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. *Also offered as: WMST255. Credit only granted for: ENGL250 or WMST255.* Explores literary and cultural expressions by women and their receptions within a range of historical periods and genres. Topics such as what does a woman need in order to write, what role does gender play in the production, consumption, and interpretation of texts, and to what extent do women comprise a distinct literary subculture. Interpretation of texts will be guided by feminist and gender theory, ways of reading that have emerged as important to literary studies over the last four decades. Also offered as WMST255.

WB21	Amy Merritt	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

ENGL269A **Special Topics in Study Abroad II; American Writers in Paris**
Contact department for information to register for this course.

ENGL295 **Literature in a Wired World**

ENGL295 Literature in a Wired World; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities. *Credit only granted for: ENGL278W or ENGL295. Formerly: ENGL278W.* Introduction to changing nature of books, texts, and narrative in Information Age. Role of book in relation to other media, history of computers and writing, influence of computing on contemporary literature and culture, emerging forms of digital narrative and reading. Practical skills taught range from how to find digital literature and other texts online to using Web media to create literary works.

WB11	Nathan Kelber	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

WB21	Andrew Black	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

ENGL304 **The Major Works of Shakespeare**

ENGL304 The Major Works of Shakespeare; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Two lower-level English courses, at least one in literature; or permission of ARHU-English department. Restriction: Must not have completed ENGL403 or ENGL404. Representative early, middle, and later works, including comedies, tragedies, histories, and romances. Historical and cultural contexts.

0101	Maggie Ray	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	MW 1:00pm - 4:30pm	TWS 0214

ENGL329B **Special Topics in Film Studies; English Literature on Film in the Twenty-First Century**

ENGL329B Special Topics in Film Studies: English Literature on Film in the Twenty-First Century; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Joseph Byrne	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

ENGL329C **Special Topics in Film Studies; Sexuality in the Cinema**

ENGL329C Special Topics in Film Studies: Sexuality in the Cinema; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as CMLT398L.

0201	Eugene Robinson	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:00pm - 9:15pm	TWS 0205

ENGL346 **Twentieth Century Fiction**

ENGL346 Twentieth Century Fiction; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Two lower-level English courses, at least one in literature; or permission of ARHU-English department.* Major British, American, and other fiction writers of the twentieth century studied in the context of the broad global, intellectual, and artistic interests of the century.

0201	Jennifer Wellman	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	MW 6:00pm - 9:15pm	TWS 0205

ENGL348C **Literary Works by Women; Science Fiction**

ENGL348C Literary Works by Women: Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as WMST348C.

0101	Jane Donawerth	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:15pm	TWS 0234

ENGL362 **Caribbean Literature in English**

ENGL362 Caribbean Literature in English; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: Two lower-level English courses, at least one in literature; or permission of ARHU-English department. Political and literary traditions that intersect in the fiction, poetry, and drama written in English by Caribbean writers, primarily during the 20th century.

WB11	Merle Collins	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

ENGL369A **Special Topics in Study Abroad III; American Writers in Paris**
Contact department for information to register for this course.

ENGL369J **Special Topics in Study Abroad III; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

ENGL369K **Special Topics in Study Abroad III; Great Directors**
Contact department for information to register for this course.

ENGL369M **Special Topics in Study Abroad III; UK: London Study Abroad: Literature, History, Drama, Architecture, Art and Archeology**
Contact department for information to register for this course.

ENGL369P **Special Topics in Study Abroad III; Politics and Science Fiction**
Contact department for information to register for this course.

ENGL388P **Writing Internship; Pre-professional Writing Skills Internship**

ENGL388P *(PermReq)* **Writing Internship: Pre-professional Writing Skills Internship; (1-6 credits)** Grade Method: REG/P-F/AUD.

WB21	Jennifer Dunsmore **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 20) ONLINE

ENGL391 **Advanced Composition**

ENGL391 Advanced Composition; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must have earned a minimum of 60 credits. An advanced composition course which emphasizes constructing written arguments accommodated to real audiences.

0102	Timothy Denevi **Meets May 29, 2012 - July 8, 2012** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0207
0107	Robin Earnest **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224
0201	Mark Forrester **Meets July 9, 2012 - August 19, 2012** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0214

0204	Mark Forrester **Meets July 9, 2012 - August 19, 2012** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 1105
0205	Melanie Faith **Meets July 9, 2012 - August 19, 2012** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232

ENGL393 **Technical Writing**

ENGL393 Technical Writing; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must have earned a minimum of 60 credits. The writing of technical papers and reports.

0101	Connie Inukai **Meets May 29, 2012 - July 8, 2012** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0230
0102	Kelly Cresap **Meets May 29, 2012 - July 8, 2012** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0201
0103	Mary Shea **Meets May 29, 2012 - July 8, 2012** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0232
0108	Ann Mason **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0207
0109	Ellen Blumner **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:20pm	Seats (Total: 22) TWS 0232
0112	Elizabeth Colson **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232

0113	Amanda Olson **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224
0201	Joshua Buursma **Meets July 9, 2012 - August 19, 2012** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0201
0202	Paul Haynos **Meets July 9, 2012 - August 19, 2012** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0232
0206	Joseph Wappel **Meets July 9, 2012 - August 19, 2012** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0230
0207	Michael Winett **Meets July 9, 2012 - August 19, 2012** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224
0209	Michael Winett **Meets July 9, 2012 - August 19, 2012** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224

ENGL393X **Technical Writing**

ENGL393X *(PermReq)* **Technical Writing; (3 credits)** Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must have earned a minimum of 60 credits. The writing of technical papers and reports. For students for whom English is a second language. By permission from Grace Crussiah (gjc@umd.edu) only.

0103	Connie Inukai **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:15pm	Seats (Total: 15) TWS 0230

0202	Daniel Saalfeld **Meets July 9, 2012 - August 19, 2012** TuTh 6:00pm - 9:15pm	Seats (Total: 15) TWS 0230

ENGL394 **Business Writing**

ENGL394 Business Writing; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must have earned a minimum of 60 credits. Intensive practice in the forms of written communication common in the business world-letters, memos, short reports, and proposals. Principles of rhetoric and effective style.

0101	Frederick Bolton **Meets May 29, 2012 - July 8, 2012** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 1105
0104	Mary Turner **Meets May 29, 2012 - July 8, 2012** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0221
0107	Katherine Wilson **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0205
0202	Thomas Lowderbaugh **Meets July 9, 2012 - August 19, 2012** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0224
0204	Ceil Goldberg **Meets July 9, 2012 - August 19, 2012** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232
0206	Donald McNeilly **Meets July 9, 2012 - August 19, 2012** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0207

ENGL395 **Writing for Health Professions**

ENGL395 Writing for Health Professions; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must have earned a minimum of 60 credits. Focus on accommodating technical material and empirical studies to lay audiences, and helping writers to achieve stylistic flexibility and correctness.

0102	Joseph Wappel	Seats (Total: 22)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 9:30am - 12:45pm	TWS 0224

ENGL409Y **Study Abroad Special Topics IV; Travel Writing**
Contact department for information to register for this course.

ENGL429 **Independent Research in English**

ENGL429 *(PermReq)* **Independent Research in English; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL433 **American Literature: 1914 to the Present, the Modern Period**

ENGL433 American Literature: 1914 to the Present, the Modern Period; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Two English courses in literature; or permission of ARHU-English department. Modernism, Postmodernism. Writers such as Stevens, Stein, Ellison. Also offered as ENGL631.

0101	Peter Mallios	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 1:00pm - 4:15pm	TWS 0236

ENGL452 **English Drama From 1660 to 1800**

ENGL452 English Drama From 1660 to 1800; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Two English courses in literature; or permission of ARHU-English department. Restoration and eighteenth-century drama, with special attention to theater history, cultural influences, concepts of tragedy, comedy, farce, parody, and burlesque, as well as dramatic and verbal wit. Also offered as ENGL623.

HY21	Laura Rosenthal	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Tu 1:00pm - 4:15pm	TWS 0205
	Th 1:00pm - 4:15pm	ONLINE

ENGL462 **Folksong and Ballad**

ENGL462 Folksong and Ballad; (3 credits) Grade Method: REG/P-F/AUD.
A cross-section of American folk and popular songs in their cultural contexts; artists from Bill Monroe to Robert Johnson. Also offered as ENGL629.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	MW 1:00pm - 4:15pm	TWS 0201

ENGL479N **Selected Topics in English and American Literature after 1800; The Writer in the World**
Contact department for information to register for this course.

ENGL623 **Readings in Eighteenth-Century English Literature**

ENGL623 Readings in Eighteenth-Century English Literature; (3 credits) Grade Method: REG/AUD.
Also offered as ENGL452.

HY21	Laura Rosenthal	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Tu 1:00pm - 4:15pm	TWS 0205
	Th 1:00pm - 4:15pm	ONLINE

ENGL629 **Readings in Folklore and Folklife; Folksong and Ballad**

ENGL629 Readings in Folklore and Folklife: Folksong and Ballad; (3 credits)
Grade Method: REG/AUD.
Also offered as ENGL462.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	MW 1:00pm - 4:15pm	TWS 0201

ENGL631 **Readings in 20th Century American Literature**

ENGL631 Readings in 20th Century American Literature; (3 credits) Grade Method: REG/AUD.
Also offered as ENGL433.

0101	Peter Mallios	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 1:00pm - 4:15pm	TWS 0236

ENGL699 **Independent Study**

ENGL699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL799 **Master's Thesis Research**

ENGL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL898 **Pre-Candidacy Research**

ENGL898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0201	Instructor: TBA	Seats (Total: 1)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

ENGL899 **Doctoral Dissertation Research**

ENGL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA Engineering, Materials Summer 2012

ENMA489 **Selected Topics in Engineering Materials**

ENMA489 *(PermReq)* **Selected Topics in Engineering Materials; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA499 **Senior Laboratory Project**

ENMA499 *(PermReq)* **Senior Laboratory Project; (3 credits)** Grade Method: REG/P-F/AUD.

0201	Robert Briber	Seats (Total: 1)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

ENMA698 **Special Problems in Materials Science and Engineering**

ENMA698 Special Problems in Materials Science and Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA799 **Master's Thesis Research**

ENMA799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA898 **Pre-Candidacy Research**

ENMA898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Manfred Wuttig **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0114	Patrick McCluskey **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0120	Gottlieb Oehrlein **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0123	Joonil Seog **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0201	Manfred Wuttig **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0214	Patrick McCluskey **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0223	Joonil Seog **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0230	Isabel Lloyd **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 1)

ENMA899 **Doctoral Dissertation Research**

ENMA899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME Engineering, Mechanical Summer 2012

ENME271 **Introduction to Matlab**

ENME271 Introduction to Matlab; (3 credits) Grade Method: REG.
Prerequisite: ENES221. Develop the skills to generate readable, compact and verifiably correct MATLAB scripts and functions to obtain numerical solutions to a wide range of engineering models and to display the results with fully annotated graphics. Learn structured programming.

0201	Christopher Chabalko	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	MW 12:30pm - 4:00pm	KEB 2111

ENME331 **Fluid Mechanics**

ENME331 Fluid Mechanics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENES232 and ENES221. Also offered as: BIOE331. Credit only granted for: BIOE331 or ENME331. Principles of fluid mechanics. Mass, momentum and energy conservation. Hydrostatics. Control volume analysis. Internal and external flow. Boundary layers. Modern measurement techniques. Computer analysis. Laboratory experiments.

0102	Xinan Liu	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MW 12:30pm - 4:00pm	EGR 3106

ENME332 **Transfer Processes**

ENME332 Transfer Processes; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENME331. The principles of heat transfer. Conduction in solids. Convection. Radiation. Modern measurement techniques. Computer analysis.

0101	Michael Ohadi, Amir Shooshtari	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 10:00am - 1:30pm	EGR 0135

ENME351 **Electronics and Instrumentation II**

ENME351 Electronics and Instrumentation II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PHYS271, ENME350, and PHYS270. Continuation of ENME 350. Modern instrumentation. Basic circuit design, standard microelectronic circuits. Digital data acquisition and control. Signal conditioning. Instrumentation interfacing. Designing and testing of analog circuits. Laboratory experiments.

0101	Vincent Nguyen	Seats (Total: 15)	
	Meets May 29, 2012 - July 8, 2012		
	MW 11:30am - 1:30pm	EGR 0108	
	MW 1:40pm - 3:40pm	EGR 0108	Lab

ENME392 **Statistical Methods for Product and Processes Development**

ENME392 Statistical Methods for Product and Processes Development; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241. Integrated statistical methodology for the improvement of products and processes in terms of performance, quality and cost. Designed experimentation. Statistical process control. Software application. Laboratory activities.

HY21	David Bigio	Seats (Total: 15)	
	Meets July 9, 2012 - August 19, 2012		
	MW 10:00am - 12:00pm	ONLINE	
	Class time/details on ELMs	ONLINE	

ENME400 **Machine Design**

ENME400 Machine Design; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Senior standing. Working stresses, stress concentration, stress analysis and repeated loadings. Design of machine elements. Kinematics of mechanisms.

0101	Thomas Beigel	Seats (Total: 35)	
	Meets May 29, 2012 - July 8, 2012		
	MW 4:00pm - 6:00pm	EGR 0108	
	Tu 4:00pm - 6:45pm	EGR 0108	

0201	Thomas Beigel	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	MW 4:00pm - 6:00pm	EGR 0108
	Tu 3:00pm - 5:45pm	EGR 0110

ENME414 **Computer-Aided Design**

ENME414 Computer-Aided Design; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: MATH241; or students who have taken courses with similar or comparable course content may contact the department.* Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.

0301	Guangming Zhang	Seats (Total: 29)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 8:00am - 11:00am	EGR 0312

ENME462 **Vibrations, Controls, and Optimization II**

ENME462 Vibrations, Controls, and Optimization II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENME351 and ENME361. Formerly: ENME362. Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Timothy Fitzgerald	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 8:00am - 10:01am	EGR 0309

ENME470 **Finite Element Analysis**

ENME470 Finite Element Analysis; (3 credits) Grade Method: REG/P-F/AUD. *Restriction: Senior standing; and permission of ENGR-Mechanical Engineering department.* Basic concepts of the theory of the finite element method. Applications in solid mechanics and heat transfer.

0301	Guangming Zhang	Seats (Total: 30)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 12:00pm - 3:00pm	KEB 2111

ENME488 **Special Problems**

ENME488 *(PermReq)* **Special Problems; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME635 **Energy Systems Analysis**
Contact department for information to register for this course.

ENME799 **Master's Thesis Research**

ENME799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME808 **Advanced Topics in Mechanical Engineering**
Contact department for information to register for this course.

ENME898 **Pre-Candidacy Research**

ENME898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME899 **Doctoral Dissertation Research**

ENME899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENNU620 **Mathematical Techniques for Engineering Analysis and Modeling**

ENNU620 Mathematical Techniques for Engineering Analysis and Modeling; (3 credits) Grade Method: REG.
Also offered as: ENRE620. Probability and probability distributions; statistics; ordinary differential equations; linear algebra and vectors; Laplace transform; Fourier analysis; boundary value problems; series solutions to differential equations; partial differential equations; numerical methods.

0101	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 30) ITV 1111
HT01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 5) Location: TBA
SG01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 2) Location: TBA
SM01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 2) Location: TBA

ENNU648 **Special Problems in Nuclear Engineering**

ENNU648 Special Problems in Nuclear Engineering; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENPM Engineering, Professional Masters Summer 2012

ENPM606 **Linear Control Systems**

ENPM606 Linear Control Systems; (3 credits) Grade Method: REG/AUD.
Introduction to control engineering; including simulation and modeling, linear systems theory, specifications, structures and limitations, feedback system stability in terms of loop gain, classical design, and state feedback.

CP01	Larry Palmer **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 30) EGR 2107
HT01	Larry Palmer **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 5) Location: TBA
SG01	Larry Palmer **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 5) Location: TBA
SM01	Larry Palmer **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 5) Location: TBA

ENPM652 **Applied Finite Element Methods**

ENPM652 Applied Finite Element Methods; (3 credits) Grade Method: REG/AUD. *Credit only granted for: ENPM652 or ENPM808F. Formerly: ENPM808F.* For engineering and science students with little or no previous knowledge of the FEM. Study of FEM, using straightforward mathematics. Students should understand basic concepts and equations of elasticity and thermal heat flow, be familiar with simple matrix algebra. Covers stress analysis and thermal analysis problems. ANSYS finite element code will be used for examples and homework solutions. Basic problem solving procedure will be developed for using finite element computer codes.

CP01	Jeffery Etheridge **Meets May 29, 2012 - July 19, 2012** TuTh 6:00pm - 8:40pm	Seats (Total: 30) EGR 2103
HT01	Jeffery Etheridge **Meets May 29, 2012 - July 19, 2012** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SG01	Jeffery Etheridge **Meets May 29, 2012 - July 19, 2012** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

SM01	Jeffery Etheridge **Meets May 29, 2012 - July 19, 2012** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM654 **Energy Systems Management**

ENPM654 Energy Systems Management; (3 credits) Grade Method: REG/AUD. *Formerly: ENPM808E.* Covers a wide range of energy management and energy efficiency topics including energy auditing, energy efficient lighting systems and motors, demand limiting and control, control strategies for optimization, direct digital control, integrated building automation systems, communication networks, distributed generation, cogeneration, combined heat and power, process energy management and the associated economic analyses. Included will be the latest internet based technologies for accessing real-time energy pricing and managing energy demand remotely for multiple buildings or campuses.

ME01	Stephen Treado **Meets May 29, 2012 - July 19, 2012** Class time/details on ELMs	Seats (Total: 35) ONLINE

ENPM676 **VLSI Testing and Design for Testability**

ENPM676 VLSI Testing and Design for Testability; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENEE244; or students who have taken courses with similar or comparable course content may contact the department. Credit only granted for: ENPM676 or ENPM808R. Formerly: ENPM808R. An overview of VLSI test process and equipment, faults, fault modeling, fault simulation, combinational logi ATPG, sequential logic ATPG, Iddq testing, function testing, memory testing, delay testing, design for testability, BIST (Built-In Self-Test) and boundary scan.

CP01	Manoj Franklin **Meets May 30, 2012 - July 23, 2012** MW 6:00pm - 8:40pm	Seats (Total: 25) EGR 2103
HT01	Manoj Franklin **Meets May 30, 2012 - July 23, 2012** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

SG01	Manoj Franklin **Meets May 30, 2012 - July 23, 2012** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SM01	Manoj Franklin **Meets May 30, 2012 - July 23, 2012** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM808 **Advanced Topics in Engineering**

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3 credits)** Grade Method: REG/AUD.

CP01	George Syrmos **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
CP02	George Syrmos **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
EF01	George Syrmos **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 10) ONLINE

ENPM808W **Advanced Topics in Engineering; Advanced Energy Audit**

ENPM808W Advanced Topics in Engineering: Advanced Energy Audit; (3 credits) Grade Method: REG/AUD.

ME01	Michael Ohadi **Meets May 29, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENRE Reliability Engineering Summer 2012

ENRE620 **Mathematical Techniques of Reliability Engineering**

ENRE620 Mathematical Techniques of Reliability Engineering; (3 credits) Grade Method: REG/AUD.
Also offered as: ENNU620. Basic probability and statistics (required for ENRE 600 and ENRE 602). Application of selected mathematical techniques to the analysis and solution of reliability engineering problems. Applications of matrices, vectors, tensors, differential equations, integral transforms, and probability methods to a wide range of reliability related problems.

0101	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 30) ITV 1111
ER01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 10) ONLINE
HT01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 5) Location: TBA
RE01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 5) ONLINE
SG01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 2) Location: TBA
SM01	Thomas Fenstermacher **Meets May 29, 2012 - August 19, 2012** Th 5:30pm - 8:45pm	Seats (Total: 2) Location: TBA

ENRE642 **Reliability Engineering Management**

ENRE642 *(PermReq)* **Reliability Engineering Management; (3 credits)** Grade Method: REG/AUD.
Unifying systems perspective of reliability engineering management. Design, development and management of organizations and reliability programs including: management of systems evaluation and test protocols, development of risk management-mitigation processes, and management of functional tasks performed by reliability engineers.

ER01	Frederick Schenkelberg **Meets May 29, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
RE01	Frederick Schenkelberg **Meets May 29, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 15)
SM01	Frederick Schenkelberg **Meets May 29, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

ENRE648 **Special Problems in Reliability Engineering**

ENRE648 *(PermReq)* **Special Problems in Reliability Engineering; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE799 **Master's Thesis Research**

ENRE799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE898 **Pre-Candidacy Research**

ENRE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE899 **Doctoral Dissertation Research**

ENRE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST Environmental Science and Technology Summer 2012

ENST389 **Internship**

ENST389 *(PermReq)* **Internship; (3 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST424 **Field Study in Soil Morphology**

ENST424 Field Study in Soil Morphology; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENST200. Credit only granted for: ENST424 or NRSC424. Formerly: NRSC424. The fundamentals of making morphological descriptions of soils, using standard techniques, terminology, and abbreviations of the National Cooperative Soil Survey. Given a regional perspective and reasonable assumptions regarding soil properties, students should become competent to classify soils which they have described in the field and also make interpretations concerning the suitability of soils for various potential uses. There is a $250 fee for transportation costs.

0301	Martin Rabenhorst	Seats (Total: 10)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 7:00am - 7:00pm	HJP 0210

ENST489 **Field Experience**

ENST489 *(PermReq)* **Field Experience; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST499 **Special Topics in Environmental Science and Technology**
Contact department for information to register for this course.

ENST499P **Special Topics in Environmental Science and Technology; Ecology and Natural Resources Management in Brazil**
Contact department for information to register for this course.

ENST608 **Research Methods**
Contact department for information to register for this course.

ENST689P **Special Topics; Ecology and Natural Resources Management in Brazil**
Contact department for information to register for this course.

ENST799 **Master's Thesis Research**

ENST799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST898 **Pre-Candidacy Research**

ENST898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENST899 **Doctoral Dissertation Research**

ENST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENTS Telecommunications Summer 2012

ENTS609 **Telecommunications Project**

ENTS609 *(PermReq)* **Telecommunications Project; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENTS654 **Optimization and Analysis of GSM Networks**

ENTS654 Optimization and Analysis of GSM Networks; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENTS656 or ENTS653; and permission of ENGR-Electrical & Computer Engineering department. Restriction: Must be in Telecommunications (Master's) program. Credit only granted for: ENTS654 or ENTS689B. The techniques needed to successfully optimize a functioning GSM networkwill be examined. Students will conduct extensive drive tests of a working network in the Washington DC area using state-of-the-art drive test equipment and will analyze the recorded data with post-processing analysis tools. Also, they will learn to recognize problems based on network behaviors and what courses of action are available to correct them. Lab work and data collection will constitute a majority of the class work.

0201	Michael Dellomo	Seats (Total: 15)	
	Meets July 9, 2012 - August 19, 2012		
	TuTh 5:30pm - 8:15pm	EGR 1102	
	W 3:00pm - 8:00pm	EGR 1110	Lab

ENTS699 **Independent Study in Telecommunications**
Contact department for information to register for this course.

EPIB Epidemiology and Biostatistics Summer 2012

EPIB610 **Foundations of Epidemiology**

EPIB610 *(PermReq)* **Foundations of Epidemiology; (3 credits)** Grade Method: REG/AUD.
Credit only granted for: EPIB610 or HLTH720. Formerly: HLTH720. Introduction to the discipline of epidemiology and its applications to health issues and practices. Basic epidemiologic concepts and methods will be covered.

0101	Olivia Carter-Pokras	Seats (Total: 25)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 4:00pm - 7:10pm	SPH 0303	

EPIB698C **Special Topics in Epidemiology and Biostatistics; SAS Basics**

EPIB698C Special Topics in Epidemiology and Biostatistics: SAS Basics; (3 credits) Grade Method: REG/AUD.
Focuses on the basics of SAS programming. It is designed for students who use SAS to analyze and summarize data. Topics include data set creation and manipulation, commonly used procedures for data analysis, summarizing the data, SAS macros, and SAS graph.

0201	Raul Cruz-Cano	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 4:00pm - 7:20pm	SPH 0301

EPIB785 **Internship in Public Health**

EPIB785 *(PermReq)* **Internship in Public Health; (3 credits)** Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Epidemiology & Biostatistics department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

0109	Brit Saksvig	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0209	Brit Saksvig	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EPIB786 **Capstone Project in Public Health**

EPIB786 *(PermReq)* **Capstone Project in Public Health; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Epidemiology & Biostatistics department. Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

EPIB788 **Critical Readings in Epidemiology and Biostatistics**

EPIB788 *(PermReq)* **Critical Readings in Epidemiology and Biostatistics; (1-3 credits)** Grade Method: REG/AUD.

0208	Mei-Ling Lee	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

EPIB798 **Independent Study**

EPIB798 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB799 **Master's Thesis Research**

EPIB799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB898 **Pre-Candidacy Research**

EPIB898 *(PermReq)* **Pre-Candidacy Research; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB899 **Doctoral Dissertation Research**

EPIB899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EXST001 **Residential Package**

Contact department for information to register for this course.

EXST002 **Commuter Package**

Contact department for information to register for this course.

EXST010 **Hear Me Out! An Introduction to Public Speaking and Debate**

EXST010 *(PermReq)* **Hear Me Out! An Introduction to Public Speaking and Debate; (No CEU'S)** Grade Method: NGI.

Prerequisite: permission of department.

YD41	Jade Olson	Seats (Total: 20)
	Meets July 16, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:30pm	EDU 0202

EXST011 **Designing Your Own Business**

EXST011 *(PermReq)* **Designing Your Own Business; (No CEU'S)** Grade Method: NGI.

Prerequisite: permission of department.

YD41	Akbar Dawood	Seats (Total: 20)
	Meets July 16, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:30pm	TWS 0207

EXST012 **Learning About the United Nations**

EXST012 *(PermReq)* **Learning About the United Nations; (No CEU'S)** Grade Method: NGI.

Prerequisite: permission of department.

YD41	Javiera Alarcon	Seats (Total: 20)
	Meets July 16, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:30pm	EDU 3233

EXST014 **Exploring Architecture**

EXST014 *(PermReq)* **Exploring Architecture; (No credit)** Grade Method: NGI.

YD41	Jason Winters	Seats (Total: 20)
	Meets July 16, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:30pm	ARC 1123
	This is part of the Young Scholars Discovery program.	

EXST015 **Latin Word Roots**

EXST015 *(PermReq)* **Latin Word Roots; (No CEU'S)** Grade Method: NGI.

YD41	Elyse Fiorito	Seats (Total: 20)
	Meets July 16, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:30pm	TWS 0236
	This is part of the Young Scholars Discovery Program.	

EXST016 **Science Detectives: An Introduction to Forensic Science**

EXST016 *(PermReq)* **Science Detectives: An Introduction to Forensic Science; (No credit)** Grade Method: NGI.

YD41	Robert Smith	Seats (Total: 20)
	Meets July 16, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:30pm	HJP 1229
	This is part of the Young Scholars Discovery program.	

EXST075 **Special Topic Seminar and Workshop**
Contact department for information to register for this course.

EXST076 **Introduction to the Program**
Contact department for information to register for this course.

EXST152 **LSAT Prep Workshop**

EXST152 *(PermReq)* **LSAT Prep Workshop; (No CEU'S)** Grade Method: NGI. *Prerequisite: permission of department.* Provides students with LSAT content and test taking strategies from a leading provider of LSAT exam consutants. The Princeton Review. Over 35 hours of live instruction and diagnostic testing and includes all course books as well as access to the vast array of Princeton Review's online test materials.

PC02	Instructor: TBA	Seats (Total: 1)
	Meets July 14, 2012 - September 6, 2012	
	Contact instructor or department for details.	
	Class meets Tuesdays 6:00pm - 9:00pm (July 19, 26, August 2, 9, 16, 30, September 6) and Thursdays 6:00pm - 9:30pm (July 14, August 11, September 1).	

FMSC Family Science Summer 2012

FMSC260 **Couple Relationships**

FMSC260 Couple Relationships; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: FMSC260 or FMST260. Formerly: FMST260. Couple relationships and their alternatives in contemporary dating, courtship and marriage.

WB21	Katie Hrapczynski	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

FMSC298F **Future of Families: Issues and Controversies**

FMSC298F Future of Families: Issues and Controversies; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Signature Courses - I-Series.

YS41	Elise Resnick	Seats (Total: 25)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 10:00am - 1:00pm	SPH 0301
	This section is part of The Young Scholars Program. Enrollment by permission only. Please access the Summer Programs Website for further information.	

FMSC330 **Family Theories and Patterns**

FMSC330 Family Theories and Patterns; (3 credits) Grade Method: REG/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Restriction: Junior standing or higher. Credit only granted for: FMSC330 or FMST330. Formerly: FMST330. Theory and research on the family, including a cross-cultural analysis of family patterns.

0301	Robyn Zeiger **Meets May 29, 2012 - June 15, 2012** MTuWTh 9:30am - 12:55pm	Seats (Total: 50) SPH 1302

FMSC332 **Children in Families**

FMSC332 Children in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: PSYC100 or FMSC105. Credit only granted for: FMSC332 or FMST332. Formerly: FMST332. A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin, and the community.

WB11	Tiffani Stevenson Lloyd **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 40) ONLINE
WB21	Barbara Singer **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 40) ONLINE

FMSC341 **Personal and Family Finance**

FMSC341 Personal and Family Finance; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Credit only granted for: FMSC341 or FMST341. Formerly: FMST341. Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security.

WB11	William Knight **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 25) ONLINE
WB21	Katherine Speirs **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 35) ONLINE

WB22	William Knight	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

FMSC381 **Poverty, Affluence, and Families**

FMSC381 Poverty, Affluence, and Families; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Prerequisite: SOCY100 or SOCY105. Credit only granted for: FMSC381 or FMST381. Formerly: FMST381. Social, political, cultural and economic factors influencing income and wealth in American families.

WB21	Kevin Roy	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

FMSC383 **Delivery of Human Services to Families**

FMSC383 Delivery of Human Services to Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC330. Credit only granted for: FMSC383 or FMST383. Formerly: FMST383. Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families.

0201	Jacqueline Wallen	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	MW 9:30am - 12:50pm	SPH 0302

FMSC386 **Experiential Learning**

FMSC386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Family Science department. Restriction: Junior standing or higher. Credit only granted for: FMSC386 or FMST386. Formerly: FMST386.

Contact department for information to register for this course.

FMSC399 **Independent Study**

FMSC399 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individualized family and community studies projects of interest to student and faculty.

Contact department for information to register for this course.

FMSC460 **Violence in Families**

FMSC460 Violence in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: SOCY100, SOCY105, or PSYC100. Credit only granted for: FMSC460 or FMST460. Formerly: FMST460. Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation.

WB31	Christine Schull **Meets May 29, 2012 - June 15, 2012** Class time/details on ELMs	Seats (Total: 45) ONLINE
WB51	Christine Schull **Meets June 18, 2012 - July 6, 2012** Class time/details on ELMs *Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .*	Seats (Total: 45) ONLINE

FMSC477 **Internship and Analysis in Family Science**

FMSC477 *(PermReq)* **Internship and Analysis in Family Science; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: FMSC383; and 9 credits in FMSC courses; and permission of SPHL-Family Science department. Restriction: Must be in a major within SPHL-Family Science department. Credit only granted for: FMSC477, FMST347, or FMST477. Formerly: FMST477. A supervised internship and a seminar requiring analysis. Opportunities to integrate theory and practice including 120 hours of contracted field experience. Summer or fall internship contracts due May 1; Spring contracts due December 1. See department for application procedures. A planned, supervised internship complemented by analysis. Opportunities to integrate theory and practice. Field experience requires minimum of 120 hours per semester.

0101	Nicole Finkbeiner	Seats (Total: 45)
	Meets May 29, 2012 - August 17, 2012	
	W 9:30am - 11:00am	SPH 0308
	Contact instructor or department for details.	

FMSC485 **Introduction to Family Therapy**

FMSC485 Introduction to Family Therapy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC330; or 1 course from PSYC300-499 course range. Credit only granted for: FMSC485 or FMST485. Formerly: FMST485. The fundamental theoretical concepts and clinical procedures of marital and family therapy including premarital and divorce therapy issues.

WB21	Lindsey Hoskins	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

FMSC487 **Legal Aspects of Family Problems**

FMSC487 Legal Aspects of Family Problems; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: FMSC487 or FMST487. Formerly: FMST487. Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life.

WB31	Kerry Tripp **Meets May 29, 2012 - June 15, 2012** Class time/details on ELMs	Seats (Total: 40) ONLINE
WB41	Kerry Tripp **Meets July 9, 2012 - July 27, 2012** Class time/details on ELMs	Seats (Total: 40) ONLINE

FMSC498 **Special Topics: Family Science**

FMSC498 *(PermReq)* **Special Topics: Family Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individual family studies instruction course on topics of interest to student and faculty.

Contact department for information to register for this course.

FMSC498B **Special Topics: Family Science; Death and Loss in Family Life**

FMSC498B Special Topics: Family Science: Death and Loss in Family Life; (3 credits) Grade Method: REG/P-F/AUD.
This course will focus on understanding how families experience grief and loss through the death of family members. We will examine historical, social, psychological, cultural, medical, and legal dimensions of death in family life.

WB51	Kevin Roy, Jinhee Kim **Meets June 18, 2012 - July 6, 2012** Class time/details on ELMs *Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .*	Seats (Total: 40) ONLINE

FMSC498N **Special Topics: Family Science; Iceland: Nordic Child & Family Health**
Contact department for information to register for this course.

FMSC498T **Special Topics: Family Science; Sexuality: Issues in Family Therapy and Service Delivery**

FMSC498T Special Topics: Family Science: Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/P-F/AUD.
Typical, dysfunctional, and pathological sexual functioning: effects on individuals, couples, and family systems. Sensitizes students to sexual issues, explores how perceptions or such issues affect work with people, and emphasizes implications for marriage and family therapy.

0101	Norman Epstein	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 9:30am - 12:50pm	Location: TBA

FMSC498W **Special Topics: Family Science; War and Families**

FMSC498W Special Topics: Family Science: War and Families; (3 credits) Grade Method: REG/P-F/AUD.
This course provides an overview of issues impacting contemporary military families at times of war. Identification of challenges faced by military families related to deployment/reunion and mental and physical health, and the support systems available. Skills/strategies for working with military families will be examined.

WB41	Patricia Fanflik	Seats (Total: 45)
	Meets July 9, 2012 - July 27, 2012	
	Class time/details on ELMs	ONLINE

FMSC640 **Family Therapy: Theory and Techniques**

FMSC640 *(PermReq)* **Family Therapy: Theory and Techniques; (3 credits)** Grade Method: REG/AUD.
Credit only granted for: FMSC640 or FMST640. Formerly: FMST640. Overview of fundamental theoretical concepts and clinical procedures in marital and family therapy, with an emphasis on those therapies which operate from a family systems perspective.

WB21	Lindsey Hoskins	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

FMSC645 **Sexuality: Issues in Family Therapy and Service Delivery**

FMSC645 Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed a basic course in human sexuality. Restriction: Permission of instructor. Credit only granted for: FMSC645 or FMST645. Formerly: FMST645. Typical, dysfunctional, and pathological sexual functioning: effects on individuals, couples, and family systems. Sensitizes students to sexual issues, explores how perceptions or such issues affect work with people, and emphasizes implications for marriage and family therapy.

0101	Norman Epstein	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 9:30am - 12:50pm	Location: TBA

FMSC654 **Clinical Marriage and Family Therapy Practice**

FMSC654 Clinical Marriage and Family Therapy Practice; (3 credits) Grade Method: REG/AUD.
Prerequisite: FMSC651. Restriction: Must be in Couple and Family Therapy (Master's) program. Credit only granted for: FMSC654 or FMST654. Formerly: FMST654. Application of theory and technique to the clinical practice of marriage and family therapy. Emphasis on case management and clinic administration. Includes completion of 12 successive months and 500 hours of supervised, direct client contact with couples, families, and individuals from an integrative family systems perspective.

0101	Carol Werlinich	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	M 8:00am - 4:30pm	Location: TBA

FMSC658 **Supervised Clinical Practice of Marriage and Family Therapy**

FMSC658 Supervised Clinical Practice of Marriage and Family Therapy; (1-2 credits) Grade Method: REG/AUD.

0101	Carol Werlinich	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	W 9:00am - 12:00pm Contact instructor or department for details.	Location: TBA

0201	Carol Werlinich **Meets July 9, 2012 - August 19, 2012** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) Location: TBA

FMSC689 **Independent Study**

FMSC689 *(PermReq)* **Independent Study; (3-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Internship related to student's chosen specialization.

Contact department for information to register for this course.

FMSC698 **Advanced Topics in Family Science**

FMSC698 *(PermReq)* **Advanced Topics in Family Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698N **Advanced Topics in Family Science; Iceland: Nordic Child & Family Health**
Contact department for information to register for this course.

FMSC698V **Advanced Topics in Family Science; Violence in Families**

FMSC698V Advanced Topics in Family Science: Violence in Families; (3 credits) Grade Method: REG/AUD.

WB31	Christine Schull **Meets May 29, 2012 - June 15, 2012** Class time/details on ELMs	Seats (Total: 45) ONLINE
WB51	Christine Schull **Meets June 18, 2012 - July 6, 2012** Class time/details on ELMs *Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .*	Seats (Total: 45) ONLINE

FMSC698X **Advanced Topics in Family Science; Models of Couple and Family Therapy: Cross-Cultural Applications in China and the United States**

Contact department for information to register for this course.

FMSC699 **Independent Study**

FMSC699 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC789 **Non-Thesis Research**

FMSC789 *(PermReq)* **Non-Thesis Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC799 **Master's Thesis Research**

FMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC899 **Doctoral Dissertation Research**

FMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FREN French Summer 2012

FREN103 **Intensive Elementary French**

FREN103 Intensive Elementary French; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed FREN101 or FREN102; and Must not be a native/fluent speaker of French. Credit only granted for: FREN102 or FREN103.* Covers speaking, reading, writing, listening, and culture of French-speaking world.

0101	Khady Diene **Meets May 29, 2012 - July 8, 2012** MTuTh 9:00am - 12:00pm	Seats (Total: 25) JMZ 3120
0102	Shannon Mauro **Meets May 29, 2012 - July 8, 2012** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 0205

FREN203 **Intensive Intermediate French**

FREN203 Intensive Intermediate French; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: FREN103; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of French. Credit only granted for: FREN201 or FREN203. Covers speaking, reading, writing, listening, and culture of French-speaking world.

0201	Cybele Arnaud **Meets July 9, 2012 - August 19, 2012** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 3120
0202	Cecile Ruel **Meets July 9, 2012 - August 19, 2012** MTuWTh 9:30am - 11:45am	Seats (Total: 25) PLS 1111

FREN204 **French Grammar and Composition**
Contact department for information to register for this course.

FREN211 **French Reading and Conversation**
Contact department for information to register for this course.

FREN269A **Special Topics in Study Abroad II; French Songs**
Contact department for information to register for this course.

FREN269F **Special Topics in Study Abroad II; French Conversation I**
Contact department for information to register for this course.

FREN311 **Advanced Oral Expression**

Contact department for information to register for this course.

FREN312 **France Today**
Contact department for information to register for this course.

FREN369F **Special Topics in Study Abroad III; Third-Year French I**
Contact department for information to register for this course.

FREN369G **Special Topics in Study Abroad III; Third-Year French II**
Contact department for information to register for this course.

FREN369I **Special Topics in Study Abroad III; Third-Year French I**
Contact department for information to register for this course.

FREN369Y **Special Topics in Study Abroad III; Fourth-Year French I**
Contact department for information to register for this course.

FREN399X **Directed Study in French; France: Maryland in Montpellier: French Language and Culture on the Mediterranean**
Contact department for information to register for this course.

FREN401 **Writing with Style**
Contact department for information to register for this course.

GEOG Geographical Sciences Summer 2012

GEOG110 **The World Today: Global Perspectives**

GEOG110 The World Today: Global Perspectives; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
The most critical issue facing the world today is the sustainability of both human and physical systems in the 21st century. This class uses the context of regions of the world to explore the 21st century issues of climate change, development, politics, economy, and demography. Each region will be used to highlight aspects of sustainability.

WB21	Rachel Berndtson	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

GEOG130 **Developing Countries**

GEOG130 Developing Countries; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences.
An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.

0201	Ronald Luna **Meets July 9, 2012 - August 19, 2012** TuTh 9:00am - 12:30pm	Seats (Total: 17) LEF 1124
XA21	Ronald Luna **Meets July 9, 2012 - August 19, 2012** TuTh 9:00am - 12:30pm	Seats (Total: 0) LEF 1124

GEOG158G **Special Topics in Study Abroad I; The Geography of Grenada**
Contact department for information to register for this course.

GEOG201 **Geography of Environmental Systems**

GEOG201 Geography of Environmental Systems; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with GEOG211).
CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. A systematic introduction to the processes and associated forms of the atmosphere and earth's surfaces emphasizing the interaction between climatology, hydrology and geomorphology.

0101	Akiko Elders **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:30pm	Seats (Total: 25) LEF 1124

GEOG202 **Introduction to Human Geography**

GEOG202 Introduction to Human Geography; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Cultural Competency.
Introduction to what geographers do and how they do it. Systematic study of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"?

WB11	Vanessa Kirn	Seats (Total: 40)	
	Meets May 29, 2012 - July 6, 2012		
	Class time/details on ELMs	ONLINE	
WB21	Talya Gulman	Seats (Total: 40)	
	Meets July 9, 2012 - August 19, 2012		
	Class time/details on ELMs	ONLINE	

GEOG211 **Geography of Environmental Systems Laboratory**

GEOG211 Geography of Environmental Systems Laboratory; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: Completed or be concurrently enrolled in GEOL120, GEOL100, or GEOG201. A laboratory course to accompany GEOG 201. Analysis of the components of the earth's energy balance using basic instrumentation; weather map interpretation; soil analysis; the application of map and air photo interpretation techniques to landform analysis. There is a $40 lab fee associated with this course.

0101	Joanne Hall	Seats (Total: 25)		
	Meets May 29, 2012 - July 8, 2012			
	TuTh 10:00am - 11:30am	LEF 1138	Lab	

GEOG306 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**

GEOG306 Introduction to Quantitative Methods for the Geographic Environmental Sciences; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Credit only granted for: GEOG398Q or GEOG306. Formerly: GEOG398Q. Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software. This course has a $40 lab fee.

WB11	Anupam Anand	Seats (Total: 25)
	Meets May 29, 2012 - July 6, 2012	
	MW 6:00pm - 9:45pm	ONLINE

GEOG310 **Maryland and Adjacent Areas**

GEOG310 Maryland and Adjacent Areas; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: GEOG310 or GEOG321. Formerly: GEOG321. The physical environment, natural resources, and population in relation to agriculture, industry, transport, and trade in the State of Maryland and adjacent areas.

0201	Allen Eney	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	MW 1:00pm - 4:30pm	LEF 2166

GEOG312 **The United States and Canada**

GEOG312 The United States and Canada; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: GEOG312 or GEOG320. Formerly: GEOG320. The two countries as functioning geographic systems with important differences and key linkages. An examination of the cultural, environmental, and economic components and their spatial variation. Attention to the role of regions in national economies.

0201	Allen Eney	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	MW 9:00am - 12:30pm	LEF 2166

GEOG313 **Latin America**

GEOG313 Latin America; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: GEOG313 or GEOG323. Formerly: GEOG323. A geography of Latin America and the Caribbean in the contemporary world: political and cultural regions, population and resource distribution, historical development, current levels of economic and social well-being, urbanization, development policies, migration trends, physical features and climates.

0501	Ronald Luna	Seats (Total: 30)
	Meets June 18, 2012 - July 6, 2012	
	MTuWTh 9:00am - 12:30pm	LEF 1124
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

GEOG328P **Topics in Regional Geography; The Geography of Puerto Rico**
Contact department for information to register for this course.

GEOG358A **Special Topics in Study Abroad III; Croatia: At the Doorsteps of the European Union- Leaving Behind the Memories**
Contact department for information to register for this course.

GEOG372 **Remote Sensing**

GEOG372 Remote Sensing; (3 credits) Grade Method: REG/P-F/AUD.
Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships. This course has a $40 lab fee.

0101	Kusuma Prabhakara	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	MW 1:00pm - 4:30pm	LEF 1124
WB22	Alyssa Whitcraft	Seats (Total: 35)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:00pm - 9:30pm	ONLINE
	Class time/details on ELMs	ONLINE

GEOG373 **Geographic Information Systems**

GEOG373 Geographic Information Systems; (3 credits) Grade Method: REG/P-F/AUD.
Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases. There is a $40 lab fee for this course.

0101	Naijun Zhou **Meets May 29, 2012 - July 8, 2012** MW 11:00am - 2:30pm	Seats (Total: 25) LEF 1222
WB21	Nathan Burtch **Meets July 9, 2012 - August 19, 2012** TuTh 6:00pm - 9:30pm	Seats (Total: 50) ONLINE

GEOG384 **Internship in Geography I**

GEOG384 *(PermReq)* **Internship in Geography I; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: GEOG211, GEOG306, GEOG212, and GEOG201; and (ENGL393 or ENGL390). Restriction: Must be in Geography program. Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG385 **Internship in Geography II**

GEOG385 *(PermReq)* **Internship in Geography II; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: GEOG211, GEOG306, GEOG212, and GEOG201; and Must have completed a Junior (Professional) English course. Restriction: Must be in Geography program. Supervised field training to provide career experience. Introduction to professional-level activities, demands, opportunities. Placement at a public agency, nonprofit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG398 **Special Topics in Geography**

GEOG398 Special Topics in Geography; (3 credits) Grade Method: REG/P-F/AUD.

0110	Ronald Luna	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0210	Ronald Luna	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

GEOG473 **Geographic Information Systems and Spatial Analysis**

GEOG473 Geographic Information Systems and Spatial Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GEOG373 or GEOG306; or students who have taken courses with similar or comparable course content may contact the department. Credit only granted for: GEOG473 or GEOG482. Formerly: GEOG482. Analytical uses of geographic information systems; data models for building geographic data bases; types of geographic data and spatial problems; practical experience using advanced software for thematic domains such as terrain analysis, land suitability modeling, demographic analysis, and transportation studies.

0101	Naijun Zhou	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 11:00am - 2:30pm	LEF 1171

GEOG498 **Topical Investigations**

GEOG498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG498A **Topical Investigations; Croatia: A Country in Transition**
Contact department for information to register for this course.

GEOG506 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**
Contact department for information to register for this course.

GEOG579 **Introduction to Remote Sensing and GIS; Introduction to GIS**
Contact department for information to register for this course.

GEOG579B **Introduction to Remote Sensing and GIS; Introduction to Remote Sensing**
Contact department for information to register for this course.

GEOG603 **Masters Research Tutorial**
Contact department for information to register for this course.

GEOG606 **Quantitative Spatial Analysis**
Contact department for information to register for this course.

GEOG788 **Selected Topics in Geography**

GEOG788 *(PermReq)* **Selected Topics in Geography; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG789 **Independent Readings**

GEOG789 *(PermReq)* **Independent Readings; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

GEOG790 **Internship in Geography**

GEOG790 *(PermReq)* **Internship in Geography; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Field experience in the student's specialty in a Federal, state, or local agency or private business. Research paper required. Contact department to make arrangements.

Contact department for information to register for this course.

GEOG795 **Professional Practices Seminar**
Contact department for information to register for this course.

GEOG796 **GIS Project Management**
Contact department for information to register for this course.

GEOG799 **Master's Thesis Research**

GEOG799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG898 **Pre-Candidacy Research**

GEOG898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG899 **Doctoral Dissertation Research**

GEOG899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL100 **Physical Geology**

GEOL100 Physical Geology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with GEOL110).
Credit only granted for: GEOL100 or GEOL120. Additional information: CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. A general survey of the rocks and minerals composing the earth, its surface features and the agents that form them, and the dynamic forces of plate tectonics.

0101	Tracey Centorbi	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 10:50am	CSS 2428

GEOL110 **Physical Geology Laboratory**

GEOL110 Physical Geology Laboratory; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: Completed or be concurrently enrolled in GEOL120 or GEOL100. Additional information: CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. The basic materials and tools of physical geology stressing familiarization with rocks and minerals and the use of maps in geologic interpretations. Students must pay a $50.00 Laboratory Materials fee.

0101	Huan Cui	Seats (Total: 26)
	Meets May 29, 2012 - July 8, 2012	
	MW 12:00pm - 3:00pm	GEO 2106

GEOL120 **Environmental Geology**

GEOL120 Environmental Geology; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Natural Sciences.
Credit only granted for: GEOL100 or GEOL120. A review of geologic factors underlying many environmental problems and the interactions between population and physical environment: geologic hazards, land-use planning, conservation, mineral resources, waste disposal, land reclamation, and the geologic aspects of health and disease. The course is aimed at lower division students in education and liberal arts, and should be useful to any student concerned with geologic perspectives of environmental problems.

0101	Tracey Centorbi	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 12:30pm - 1:50pm	CSS 2428

GEOL499 **Special Problems in Geology**

GEOL499 *(PermReq)* **Special Problems in Geology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL798 **Seminar in Geology**

GEOL798 Seminar in Geology; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL799 **Master's Thesis Research**

GEOL799 Master's Thesis Research; (1-4 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL898 **Pre-Candidacy Research**

GEOL898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL899 **Doctoral Dissertation Research**

GEOL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GERM Germanic Studies Summer 2012

GERM103 **Intensive Elementary German**

GERM103 Intensive Elementary German; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed GERM101; and must not have completed GERM102; and Must not be a fluent/native speaker of German. Credit only granted for: GERM102 or GERM103. Covers speaking, reading, writing, listening, and culture of German-speaking world.

0101	Alene Moyer	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 9:30am - 11:45am	JMZ 1117

GERM203 **Intensive Intermediate German**

GERM203 Intensive Intermediate German; (4 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: GERM103; or Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed GERM201; and must not have completed GERM202; and Must not be a fluent/native speaker of German. Credit only granted for: GERM202 or GERM203. Covers speaking, reading, writing, listening, and culture of German-speaking world.

0201	Petra Volkhausen	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MTuWTh 9:30am - 11:45am	JMZ 3120

GERM269A **Special Topics in Study Abroad II; Elementary German I**
Contact department for information to register for this course.

GERM269B **Special Topics in Study Abroad II; Elementary German II**
Contact department for information to register for this course.

GERM301 **Conversation and Composition I: Germany and Its People**
Contact department for information to register for this course.

GERM302 **Conversation and Composition II: Current Topics in German Society**
Contact department for information to register for this course.

GERM369C **Special Topics in Study Abroad III; German Composition I**
Contact department for information to register for this course.

GERM369D **Special Topics in Study Abroad III; German Composition II**
Contact department for information to register for this course.

GERM386 **Experiential Learning**
Contact department for information to register for this course.

GERM399C **Selected Topics in Germanic Studies; The Problematic Fatherland: Cultural Representation in Postwar Germany**

GERM399C Selected Topics in Germanic Studies: The Problematic Fatherland: Cultural Representation in Postwar Germany; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB21	Claudia Biester	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

GVPT Government and Politics Summer 2012

GVPT100 **Scope and Methods for Political Science Research**

GVPT100 Scope and Methods for Political Science Research; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
An introduction to empirical research in political science.

WB11	Joseph Wantz	Seats (Total: 75)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE

GVPT170 **American Government**

GVPT170 American Government; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
A comprehensive study of national government in the United States.

WB21	Jeffrey Taylor	Seats (Total: 75)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

GVPT200 **International Political Relations**

GVPT200 International Political Relations; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies. *Prerequisite: GVPT100.* A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the environment.

FF61	Agatha Hultquist	Seats (Total: 24)
	Meets July 30, 2012 - August 17, 2012	
	MTuWTh 12:00pm - 3:20pm	TYD 1108
	Part of Freshmen First.	
YS41	Jesse-Douglas Mathewson	Seats (Total: 30)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 10:00am - 1:00pm	TYD 2102
	This section is part of the Young Scholars Program. Enrollment by permission only.	

GVPT241 **The Study of Political Philosophy: Ancient and Modern**

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. *Prerequisite: GVPT100. Restriction: Must be in Government & Politics program.* Examines some of the salient continuities and breaks between the ancient and modern traditions in Western political philosophy.

WB11	Carmen Deanna	Seats (Total: 75)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

GVPT258C **Introduction to Political Science Topics in Study Abroad; Government and Politics in China**
Contact department for information to register for this course.

GVPT289M **Special Topics in Government and Politics; Trial Advocacy**

GVPT289M *(PermReq)* **Special Topics in Government and Politics: Trial Advocacy; (3 credits)** Grade Method: REG/P-F/AUD.
Experience the excitement and reward of arguing, and perhaps winning your client's case in court. After a brief introduction to the rules of evidence and trial practice, this exciting, hands-on program will teach you how to prepare and present your case to a judge or jury, how to handle witness examination and how to give effective oral arguments. This new and innovative course provides you with lectures on the essentials of trial practice as well as coaching and practice in oral advocacy, which will prepare you to join the national championship UMD Mock Trial team when you enroll and that will give you confidence in public speaking and presentation.

YS41	Jonathan Hensley	Seats (Total: 25)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 10:00am - 1:00pm	EDU 2101
	This section is part of The Young cholars Program. Enrollment by permission only.	

GVPT309B **Topics in International Relations; Just War: Terrorism, Conflict, and Peace**

GVPT309B Topics in International Relations: Just War: Terrorism, Conflict, and Peace; (3 credits) Grade Method: REG/P-F/AUD.
What wars, if any, can be considered just? How can one evaluate morality within the context of war? After an examination of the different approac es towards ethics and war, this course grapples with the current debates through the lens of the just war tradition. These debates, and the vari ous positions and arguments surrounding them, will be examined through r eadings and discussions of historical case studies andcontemporary conf licts. This course is both an excellent survey course and for students w ho want to develop future research on the topic of ethics and warfare.

WB11	Jesse Kirkpatrick	Seats (Total: 75)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

GVPT309K **Topics in International Relations; Ethics & Conduct of U.S. Foreign Policy**

GVPT309K Topics in International Relations: Ethics & Conduct of U.S. Foreign Policy; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Mark Shirk	Seats (Total: 75)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

GVPT309M **Topics in International Relations; Egypt and Israel**
Contact department for information to register for this course.

GVPT309N **Topics in International Relations; Scandinavia: Political Conflict: Past, Present and Future**
Contact department for information to register for this course.

GVPT309W **Topics in International Relations; Asymmetric Warfare**

GVPT309W Topics in International Relations: Asymmetric Warfare; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Jennifer Wallace	Seats (Total: 75)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

GVPT309X **Topics in International Relations; Conflict Resolution - The Israeli Palestinian Experiment**

GVPT309X Topics in International Relations: Conflict Resolution - The Israeli Palestinian Experiment; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ISRL349X. This groundbreaking interactive course provides an in-depth understanding of this conflict using simulations exploring contending historical perspectives and the search for common ground. Topics include Jerusalem, refugees, settlements, water rights, border disputes and security concerns. Profressor Manuel Hassassian has been the Executive Vice-President of the Bethlehem University and is currently the Ambassador of the Palestinian Authority in the United Kingdom. Profressor Edy Kaufman has been the Director of both the Harry S. Truman Institute for the Advancement of Peace at the Hebrew University of Jerusalem and the Center for International Development and Conflict Management at UMD and is concurrently teaching at the Interdisciplinary Center in Herzliya, Israel. In addition to the scheduled class time, the course will also meet on Saturday, August 11th and Sunday, August 12th from 9:00am-6:40pm for an interactive conflict resolution workshop. Click here for more course information. Vist us on You Tube for more course information.

0601	Edward Kaufman, M. Hassassian	Seats (Total: 35)
	Meets July 30, 2012 - August 17, 2012	
	TuTh 6:00pm - 9:20pm	TYD 2110
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

GVPT358M **Study Abroad Seminar in Political Science; Conflict and Peace in the Mediterranean**
Contact department for information to register for this course.

GVPT359N **Topics in Comparative Politics; Nationalism and Ethnic Conflict**

GVPT359N Topics in Comparative Politics: Nationalism and Ethnic Conflict; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Mary Schneider	Seats (Total: 75)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

GVPT388A **Topical Investigations; Film and the Study of Politics of Terror in the Family and the State**

GVPT388A Topical Investigations: Film and the Study of Politics of Terror in the Family and the State; (3 credits) Grade Method: REG/P-F/AUD.
Student may sign up for both GVPT399A and GVPT388A; GVPT399A will meet four days a week for the first three weeks. GVPT388A will be an online course for the second three weeks of the first summer session, which follows themes developed in GVPT399A. Students who do NOT enroll for GVPT 399A, who will not at all be in residence during the summer, may take GVPT388A as an online course from May 31-July 8.

WB11	James Glass	Seats (Total: 75)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE

GVPT399A **Seminar in Government and Politics; The Uses and Abuses of Terror: Politics in the Family and the State**

GVPT399A Seminar in Government and Politics: The Uses and Abuses of Terror: Politics in the Family and the State; (3 credits) Grade Method: REG/P-F/AUD.

Examines the politics and psychology of terror, terrorism and being terrorized. We look at these processes from the perspective of the self, the group and the state; and study the dynamics of power present in all three levels. We use major feature films to demonstrate the emotional and political impact of the operation of terror. Students may take GVPT388A in conjuction with GVPT399A for a total of six credits.

0301	James Glass	Seats (Total: 75)
	Meets May 29, 2012 - June 15, 2012	
	TuWThF 1:30pm - 4:45pm	TYD 1108

GVPT399B **Seminar in Government and Politics; Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

GVPT409B **Seminar in International Relations and World Politics; Politics of the Arab World**

GVPT409B Seminar in International Relations and World Politics: Politics of the Arab World; (3 credits) Grade Method: REG/P-F/AUD.

The course covers Arab politics, focusing mainly on the socioeconomic transformation of Arab neo-patriarchal society, the resurgence of fundamental Islam and the challenges of Western modernization. It will cover a wide range of topics dealing with political ideology and religion in the Middle East (ME). In this context, we attempt to deal with historical trends and future challenges to better understand current issues such as the relevance of the US policies vis-a-vis the ME:the cases of Iran, Iraq, Syria, and Palestine; the rise of terrorism,political orientation or religious xenophobia; democracy in the region and reflections on Hamas's recent ascension to power; the politics of oil and its impact on American policy in the Middle East. (Prof. Hassassian has been the rector and Vice-president of Bethlehem University and is currently serving with an ambassadorial rank as the Palestinian General Representative in the United Kingdom.)

0201	M. Hassassian	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 2:00pm - 5:20pm	TYD 0101

GVPT439A **Seminar in Public Law; Comparative Constitutional Law**

GVPT439A Seminar in Public Law: Comparative Constitutional Law; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Jeremy Janow	Seats (Total: 75)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

GVPT458D **Special Topics in Study Abroad IV; Politics of Developing Countries - West Africa**
Contact department for information to register for this course.

GVPT458M **Special Topics in Study Abroad IV; Modern Central European Politics**
Contact department for information to register for this course.

GVPT479J **Seminar in American Politics; Media and Politics**

GVPT479J Seminar in American Politics: Media and Politics; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Bryan Gervais	Seats (Total: 75)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

GVPT479R **Seminar in American Politics; Religion and Politics**

GVPT479R Seminar in American Politics: Religion and Politics; (3 credits) Grade Method: REG/P-F/AUD.

WB21	Matthew Burger	Seats (Total: 75)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

GVPT808D **Selected Topics in Functional Problems in International Relations; Multi-Track Diplomacy: Transforming Violent Conflict**

GVPT808D Selected Topics in Functional Problems in International Relations: Multi-Track Diplomacy: Transforming Violent Conflict; (3 credits) Grade Method: REG/AUD.
Also offered as SUMM004. Additional workshop times - Friday, July 6th 6-9:00p.m.; Saturday, July 7th and Sunday, July 8th from 9:00 a.m. - 1: 00 p.m. and 2:00 - 6:00 p.m. This course aims to develop the practical skills needed to facilitate the transformation of interpersonal, organizational or community conflict as well as more complex societal conflicts. Join us in an experiment during the weekend workshop using multi-track diplomacy to search for common ground in ongoing conflict in the Middle East. The planned simulation will be facilitated by Prof. John Davies with support from Prof. Edward (Edy) Kaufman, both with over 20 years experience in using multi-track and citizens' diplomacy in many countries suffering from war, terrorism, and instability around the world. No pre-requisites. Click here for more course information.

0501	John Davies	Seats (Total: 30)
	Meets June 18, 2012 - July 6, 2012	
	TuTh 6:00pm - 9:20pm	TYD 1101
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

GVPT849 **Readings in Government and Politics**

GVPT849 Readings in Government and Politics; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GVPT898 **Pre-Candidacy Research; Pre-Candidacy Research**

GVPT898 Pre-Candidacy Research: Pre-Candidacy Research; (1-3 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GVPT899 **Doctoral Dissertation Research**

GVPT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP Hearing and Speech Sciences Summer 2012

HESP120 **Introduction to Linguistics**

HESP120 Introduction to Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
An introduction to the scientific study of natural language with focus on the basic concepts of phonology, syntax, semantics and pragmatics, with subsequent attention to the applied aspects of linguistic principles.

0101	Tess Wood	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MWF 9:00am - 11:30am	LEF 1221

HESP300 **Introduction to Psycholinguistics**

HESP300 Introduction to Psycholinguistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP202; or permission of BSOS-Hearing & Speech Sciences department. Recommended: HESP120; or LING200. An introduction to current theories of language and an investigation of their relationship to human communication behavior. Survey of the experimental literature relating to this question.

0101	Catherine Eaton	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 1:00pm - 4:30pm	WDS 1114

HESP311 **Anatomy, Pathology and Physiology of the Auditory System**

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP202; or permission of BSOS-Hearing & Speech Sciences department. Gross anatomy of the ear and pathways for transmission of sound energy through the peripheral and central auditory system. Causes, development and effects of pathological conditions contributing to temporary or chronic hearing impairments.

0101	Julie Cohen, Erin Pickett	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MW 1:00pm - 4:30pm	LEF 0135

HESP386 **Experiential Learning**

HESP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Junior standing or higher; and permission of BSOS-Hearing Speech Sciences department.

Contact department for information to register for this course.

HESP388 **Undergraduate Research Externship**

HESP388 Undergraduate Research Externship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP389 **LEAP Classroom Internship**

HESP389 LEAP Classroom Internship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP400 **Speech and Language Development in Children**

HESP400 Speech and Language Development in Children; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP300; or permission of BSOS-Hearing & Speech Sciences department. Recommended: LING200 or HESP120. Restriction: Must be in Hearing and Speech Sciences program; or permission of BSOS-Hearing & Speech Sciences department. Analysis of the normal processes of speech and language development in children.

0201	Giovanna Morini	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 1:00pm - 4:20pm	TLF 1103

HESP403 **Introduction to Phonetic Science**

HESP403 Introduction to Phonetic Science; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP305; or permission of BSOS-Hearing & Speech Sciences department. Restriction: Must be in Hearing and Speech Sciences program; or permission of BSOS-Hearing & Speech Sciences department. An introduction to physiological, acoustic and perceptual phonetics; broad and narrow phonetic transcription; current models of speech production and perception.

0201	Carl Herder	Seats (Total: 39)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 1:00pm - 4:20pm	TYD 1114

HESP407 **Bases of Hearing Science**

HESP407 Bases of Hearing Science; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP311; or permission of BSOS-Hearing & Speech Sciences department. Restriction: Must be in Hearing and Speech Sciences program; or permission of BSOS-Hearing & Speech Sciences department.
Fundamentals of hearing, including the physics of sound, anatomy and physiology of peripheral and central auditory nervous system, psychophysical procedures used in measurement of auditory sensation and perception, and topics in psychological acoustics.

0101	Travis Conrad	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 1:00pm - 4:30pm	TLF 1103

HESP413 **Aural Rehabilitation/Habilitation**

HESP413 Aural Rehabilitation/Habilitation; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP311. Restriction: Sophomore standing or higher. The fundamental aspects of aural rehabilitation therapy for both adults and children are introduced to students. Class time will consist of lectures, discussions, and hands-on activities.

0401	Kara Schvartz	Seats (Total: 24)
	Meets July 9, 2012 - August 3, 2012	
	TuTh 5:00pm - 8:00pm Contact instructor or department for details.	LEF 0135
	This section will meet for the entire day on 07/09/12 in LEF 1220 and o 08/03/12 in LEF 1201.	

HESP417 **Principles and Methods in Speech-Language Pathology and Audiology**

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP400 and HESP411; and 1 course with a minimum grade of C- from (HESP402, HESP404, HESP406, HESP410). Or permission of BSOS-Hearing & Speech Sciences department. Restriction: Must be in Hearing and Speech Sciences program; or permission of BSOS-Hearing & Speech Sciences department. The principles underlying the treatment of speech, language and hearing disorders in children and adults.

0201	Maria Dixon, Lisa Rickard	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MTuWTh 9:30am - 11:15am	LEF 0135

HESP498B **Seminar; Augmentative and Alternative Communication**

HESP498B Seminar: Augmentative and Alternative Communication; (3 credits)
Grade Method: REG/P-F/AUD.
A hybrid online course designed to provide an introduction to the principles, methods, and procedures for categorizing, understanding, and devloping augmentative and alternative communication (AAC) systems for persons with complex communication needs. Class meets July 11, July 18, and July 28th from 12:00pm-3:30pm in LEF1220. All other course work is Web online.

HY41	Tonya Williams Walker	Seats (Total: 20)
	Meets July 9, 2012 - July 27, 2012	
	Class time/details on ELMs	ONLINE

HESP499 **Independent Study**

HESP499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP625 **Dysphagia**

HESP625 Dysphagia; (3 credits) Grade Method: REG.
Restriction: Permission of BSOS-Hearing & Speech Sciences department. Credit only granted for: HESP639B or HESP625. Nature and clinical management of dysphagia as it pertains to different clinical settings for adult and pediatric populations.

0101	Barbara Sonies	Seats (Total: 30)
	Meets May 29, 2012 - July 6, 2012	
	TuTh 1:00pm - 4:15pm	LEF 0135

HESP627 **Augmentative and Alternative Communication**

HESP627 Augmentative and Alternative Communication; (3 credits) Grade Method: REG.
Restriction: Permission of BSOS-Hearing & Speech Sciences department. Credit only granted for: HESP639R or HESP627. Principles, methods, and procedures for categorizing, understanding, and developing augmentative and alternative communication. A hybrid online course designed to provide an introduction to the principles, methods, and procedures for categorizing, understanding, and devloping augmentative and alternative communication (AAC) systems for persons with complex communication needs. Class meets July 09, July 16, and July 27th from 12:00pm-3:30pm in LEF1220. All other course work is Web online.

HY41	Tonya Williams Walker	Seats (Total: 20)
	Meets July 9, 2012 - July 27, 2012	
	Class time/details on ELMs	ONLINE

HESP635 **Aural Rehabilitation/Habilitation**

HESP635 Aural Rehabilitation/Habilitation; (3 credits) Grade Method: REG/AUD. Principles, methods and procedures for aural rehabilitation/habilitation in children and adults.

0101	Debra Busacco	Seats (Total: 27)
	Meets June 11, 2012 - July 6, 2012	
	MTuTh 3:30pm - 6:30pm	LEF 1201
	Recommended for Au.D. students.	
0401	Kara Schvartz	Seats (Total: 24)
	Meets July 9, 2012 - August 3, 2012	
	TuTh 5:00pm - 8:00pm	LEF 0135
	Contact instructor or department for details.	
	This section will meet for the entire day on 07/09/12 in LEF 1220 and o 08/03/12 in LEF 1201.	

HESP638 **Research Practicum; Minor Research Problems**

HESP638 Research Practicum: Minor Research Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP646 **Educational Audiology**

HESP646 Educational Audiology; (3 credits) Grade Method: REG.
Prerequisite: HESP606. Recommended: HESP645. Examination of historical and current trends influencing educational programming for hearing-impaired children, communication options for severely and profound hearing-impaired children, and the role of the audiologist in the educational setting.

0201	Julie Verhoff **Meets July 9, 2012 - August 19, 2012** TuTh 3:15pm - 6:30pm	Seats (Total: 10) LEF 0104A

HESP648B **Clinical Practice in Speech**

HESP648B Clinical Practice in Speech; (1-2 credits) Grade Method: REG/AUD.

0101	Vivian Sisskin **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0103	Maria Dixon **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0104	Arpana Lingaraj **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0105	Dianne Handy **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0107	Kathleen Skinker **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)

HESP649A **Clinical Practice in Audiology**

HESP649A Clinical Practice in Audiology; (1-2 credits) Grade Method: REG/AUD.

0101	Sharon Palmer	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	Margaret McCabe	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

HESP649B **Clinical Practice in Audiology; Aural Rehabilitation**

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP658A **Special Clinical Topics in Hearing and Speech; Ethical and Professional Issues in Clinical Audiology**

HESP658A Special Clinical Topics in Hearing and Speech: Ethical and Professional Issues in Clinical Audiology; (2 credits) Grade Method: REG/AUD.

0101	Tracy Fitzgerald	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 7:00pm - 9:05pm	TLF 1103

HESP708 **Independent Study**

HESP708 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP729 **Advanced Clinical Practice in Audiology**

HESP729 Advanced Clinical Practice in Audiology; (1-8 credits) Grade Method: REG/AUD.

0101	Margaret McCabe	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

0201	Margaret McCabe	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

HESP788 **Graduate Research Externship**

HESP788 Graduate Research Externship; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP799 **Master's Thesis Research**

HESP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP829 **Clinical Internship Residency**

HESP829 Clinical Internship Residency; (1-9 credits) Grade Method: REG/AUD.

0101	Margaret McCabe	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	Margaret McCabe	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

HESP849 **Capstone Research Project I**

HESP849 Capstone Research Project I; (2 credits) Grade Method: REG.

0112	Sandra Gordon-Salant	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

HESP859 **Capstone Research Project II**

HESP859 Capstone Research Project II; (2 credits) Grade Method: REG.
Pre- or Corequisite: HESP849.

0201	Sandra Gordon-Salant	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

HESP889 **Doctoral Candidacy Research**

HESP889 Doctoral Candidacy Research; (1-3 credits) Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP898 **Pre-Candidacy Research**

HESP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP899 **Doctoral Dissertation Research**

HESP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HISP Historic Preservation Summer 2012

HISP619E **Special Topics in Historic Preservation; Historic Preservation in St. Petersburg (Russia)**
Contact department for information to register for this course.

HISP660 **Internship in Historic Preservation**

HISP660 Internship in Historic Preservation; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of ARCH-Historic Preservation Program. Formerly: HISP619.* Students will secure a summer internship with an organization engaged in historic preservation work (this can be a public agency, nonprofit, or private firm). The students will formulate a plan of work and a series of pedagogical goals to satisfy both the practical needs of the project and the academic requirements for the course.

IN10	Donald Linebaugh **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 20)
IN20	Donald Linebaugh **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

HISP701 **Certificate Portfolio Project**

HISP701 Certificate Portfolio Project; (1 credit) Grade Method: REG/AUD. *Prerequisite: Permission of ARCH-Historic Preservation Program.* Students will gather samples of their work and craft a synthetic statement on their experiences in their HISP certificate courses (for example, picking up on themes such as community involvement, diversity of practice, affordable housing, or sustainability), and the ways in which they have integrated historic preservation into their thinking and practice in their home discipline.

0201	Donald Linebaugh **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 15)

HIST History Summer 2012

HIST156 **History of the United States to 1865**

HIST156 History of the United States to 1865; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

0101	Donald McNeilly **Meets May 29, 2012 - July 8, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 40) KEY 0103
0201	Robert Chiles **Meets July 9, 2012 - August 19, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 27) SQH 1117
XA21	Robert Chiles **Meets July 9, 2012 - August 19, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 0) TLF 2103

HIST157 **History of the United States Since 1865**

HIST157 History of the United States Since 1865; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power.

0101	Edwin Smead **Meets May 29, 2012 - July 8, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 40) KEY 0103
0201	Jon Shelton **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 41) TYD 0102
XA21	Jon Shelton **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 0) TYD 0102

HIST213 **History of Sexuality in America**

HIST213 History of Sexuality in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: HIST213 or HIST219O. Formerly: HIST219O. Explores the social construction of sexualities from the first colonial settlement to the modern era in the United States. Analyzes the implications of these understandings for power relations in U.S History.

WB11	Clare Lyons	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

HIST219Y **Special Topics in History; "THE BADDEST DECADE": THE 1970S IN AMERICAN FILM AND AMERICAN HISTORY**

HIST219Y Special Topics in History: "THE BADDEST DECADE": THE 1970S IN AMERICAN FILM AND AMERICAN HISTORY; (3 credits) Grade Method: REG/P-F/AUD.

WB61	Saverio Giovacchini	Seats (Total: 40)
	Meets July 30, 2012 - August 17, 2012	
	Class time/details on ELMs	ONLINE
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

HIST269A **Special Topics in Study Abroad II; Mexican Society: History and Gender Issues**
Contact department for information to register for this course.

HIST269B **Special Topics in Study Abroad II; People and Cultures of Africa**
Contact department for information to register for this course.

HIST269C **Special Topics in Study Abroad II; Spanish Culture Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

HIST269R **Special Topics in Study Abroad II; Latin American Social Revolutions**
Contact department for information to register for this course.

HIST289G **The Practice of Tolerance in Religious Societies**

HIST289G The Practice of Tolerance in Religious Societies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. Also offered as JWST289T and RELS289T. Is religion by its very nature intolerant? Can a tolerant society truly devote itself to religious ideals? Religion gives expression to the individual's spiritual aspirations and society's ideals. But does it lead inevitably to systems of social control, exclusion and even oppression of the non-believer? We will discuss these large questions by focusing on tolerance and intolerance towards Jews on the Italian peninsula from Roman times through the Catholic Middle Ages down to the rise of the modern state and the Fascist government.

WB21	Bernard Cooperman	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

HIST299 **Directed Research**

HIST299 *(PermReq)* **Directed Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST306 **History of Religion in America**

HIST306 History of Religion in America; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST200, HIST201, HIST210, HIST211, HIST213, HIST254, or HIST255; or permission of instructor. Also offered as: RELS346. Credit only granted for: HIST306 or RELS346.* A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.

WB31	Miles Bradbury	Seats (Total: 40)
	Meets May 29, 2012 - June 15, 2012	
	Class time/details on ELMs	ONLINE

HIST319A **Special Topics in History; Radical Regimes in the Arab World**

HIST319A Special Topics in History: Radical Regimes in the Arab World; (3 credits) Grade Method: REG/P-F/AUD.

0201	Ibrahim Ali **Meets July 9, 2012 - August 19, 2012** MW 6:00pm - 9:15pm	Seats (Total: 30) KEY 0125

HIST319E **Special Topics in History; History of the Arab Israeli Conflict**

HIST319E Special Topics in History: History of the Arab Israeli Conflict; (3 credits) Grade Method: REG/P-F/AUD.

01Z1	Ibrahim Ali **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:15pm *This section meets at Shady Grove.*	Seats (Total: 25) BLD3 3225

HIST319Q **Special Topics in History; The Civil War Era: America's Fiery Trial**

HIST319Q Special Topics in History: The Civil War Era: America's Fiery Trial; (3 credits) Grade Method: REG/P-F/AUD.

A political, social, cultural, economic, and military history of the Civil War Era that uses the lives of key figures such as John Brown, Jefferson Davis, Frederick Douglass, Joshua Chamberlain, Mary Chestnut, William Lloyd Garrison, Ulysses Grant, Stonewall Jackson, Robert E. Lee, Abraham Lincoln, James Longstreet, Harriet Tubman, and William T. Sherman, to recreate the era as a lived experience.

0101	Michael Ross **Meets May 29, 2012 - July 8, 2012** TuTh 6:00pm - 9:20pm	Seats (Total: 40) TYD 0111

HIST319V **Special Topics in History; America in the 1960s**

HIST319V Special Topics in History: America in the 1960s; (3 credits) Grade Method: REG/P-F/AUD.

0301	Katarina Keane **Meets May 29, 2012 - June 15, 2012** MTuWThF 1:00pm - 4:15pm	Seats (Total: 40) TLF 1101

HIST329K **Special Topics in History; History of Rock 'n Roll, 1950-2000**

HIST329K Special Topics in History: History of Rock 'n Roll, 1950-2000; (3 credits) Grade Method: REG/P-F/AUD.

WB41	Andrew Kellett	Seats (Total: 40)
	Meets July 9, 2012 - July 27, 2012	
	Class time/details on ELMs	ONLINE

HIST330 **Europe in the Making: The Early Medieval West (A.D. 300-1000)**

HIST330 Europe in the Making: The Early Medieval West (A.D. 300-1000); (3 credits) Grade Method: REG/P-F/AUD.
Also offered as: RELS340. Credit only granted for: HIST330 or RELS340. From one empire to another: Rome to Charlemagne. This period is approached as a crucible in which classical, Christian, and Germanic elements merged, yielding new experimental syntheses. This course will deal with issues of authority, cultural trends, and the formation of group solidarity.

WB21	Janna Bianchini	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

HIST332 **Renaissance Europe**

HIST332 Renaissance Europe; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST112 or HIST111; or permission of instructor. Also offered as: RELS342. Credit only granted for: HIST332 or RELS342. Intellectual developments in Italy and Northern Europe from 1300 to 1550 and their influence on the arts and religion; social and economic trends, including the rise of the commercial economy in cities; the family and the role of women in society; expansion of Europe overseas and the beginnings of colonization; emergence of the state and consequent changes in political theory. This course is taught entirely online. Please make sure your email address is listed correctly. You may contact the instructor with questions at psoergel@umd.edu. Students who wish to register for this se ction after June 6, 2011, please e-mail summer@umd.edu.

WB31	Philip Soergel	Seats (Total: 40)
	Meets May 29, 2012 - June 15, 2012	
	Class time/details on ELMs	ONLINE

HIST357 **Recent America: 1945-Present**

HIST357 Recent America: 1945-Present; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST201, HIST211, HIST213, HIST222, HIST255, or HIST275; or permission of instructor.* American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.

WB51	Edwin Smead	Seats (Total: 40)
	Meets June 18, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

HIST360 **Women and the Civil Rights Movement**

HIST360 Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Twentieth century U.S. civil rights movement from the vantage point of women, considering both women's involvement in the legal campaigns and political protests and the impact of civil rights struggles on women's condiition, status, and identity. Also offered as AASP498I and WMST498M.

WB41	Elsa Barkley Brown	Seats (Total: 39)
	Meets July 9, 2012 - July 27, 2012	
	Class time/details on ELMs	ONLINE

HIST369B **Special Topics in Study Abroad III; Brazil, Rio Film History and Culture**
Contact department for information to register for this course.

HIST369M **Special Topics in Study Abroad III; History of Medieval Italy: The World of Dante**
Contact department for information to register for this course.

HIST386 **Experiential Learning**

HIST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of ARHU-History department; and Junior standing or higher.
The History Department's Internship program. Pre-professional experience in historical research, analysis and writing in a variety of work settings.

Contact department for information to register for this course.

HIST419P **Special Topics in History; American History at Home, 1900-1950**

HIST419P Special Topics in History: American History at Home, 1900-1950; (3 credits) Grade Method: REG/P-F/AUD.

IHP1	David Freund, Robyn Muncy	Seats (Total: 20)
	Meets July 9, 2012 - August 17, 2012	
	Contact instructor or department for details.	
	Department permission required. Contact Diane James at djames1@umd.edu	

HIST436 **Napoleon, the French Revolution, and the World**

HIST436 Napoleon, the French Revolution and the World; (3 credits) Grade Method: REG/P-F/AUD.
An argument for the broad continuity between the revolutionary and Napoleonic wars.

WB51	Donald Sutherland	Seats (Total: 40)
	Meets June 18, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

HIST453 **Diplomatic History of the United States from 1914**

HIST453 Diplomatic History of the United States from 1914; (3 credits) Grade Method: REG/P-F/AUD.
American foreign relations in the 20th-century. World War I, the Great Depression, World War II, the Cold War, the Korean War, and Vietnam. A continuation of HIST452.

0201	Vincent Houghton	Seats (Total: 40)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:00pm - 9:15pm	KEY 0126

HIST469C **Study Abroad Special Topics IV; Spanish Culture Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

HIST499 **Independent Study**

HIST499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST619 **Special Topics in History**
Contact department for information to register for this course.

HIST619A **Special Topics in History; Independent Study**

HIST619A *(PermReq)* **Special Topics in History: Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST708 **Directed Independent Reading for Comprehensive Examinations I**

HIST708 Directed Independent Reading for Comprehensive Examinations I; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST709 **Directed Independent Reading for Comprehensive Examinations II**

HIST709 Directed Independent Reading for Comprehensive Examinations II; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST799 **Master's Thesis Research**

HIST799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST819 **Special Topics in History: Independent Research**

HIST819 *(PermReq)* **Special Topics in History: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST899 **Doctoral Dissertation Research**

HIST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLSA Health Services Administration Summer 2012

HLSA601 **Introduction to Health Systems**

HLSA601 Introduction to Health Systems; (3 credits) Grade Method: REG/AUD. *Restriction: Must not have completed HLTH740. Credit only granted for: HLSA601, HLTH688A, or HLTH740. Formerly: HLTH688A or HLTH740.* Management and leadership skills for effective public health planning, organization, management and administration. Emphasis is on the role of institutions in learning and behavioral change process, organizational theory, administration management, and coordinating provision of community health services.

0201	Shivonne Laird	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:00pm - 9:15pm	TWS 0201

HLSA688 **Independent Study**

HLSA688 Independent Study; (1-6 credits) Grade Method: REG/AUD.

0101	Laura Wilson	Seats (Total: 1)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	Laura Wilson	Seats (Total: 1)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

HLSA689 **Field Work in Aging**

HLSA689 Field Work in Aging; (1-6 credits) Grade Method: REG.

0101	Laura Wilson	Seats (Total: 1)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	Laura Wilson	Seats (Total: 2)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

HLSA730 **Healthcare Human Resources**

HLSA730 Healthcare Human Resources; (3 credits) Grade Method: REG/AUD. Provides an introduction to the management of human resources in the healthcare setting using basic human resources management doctrine common to all industries. Content includes principles and methods of personnel including employment, recruitment, selection, retention, training and development, compensation including wage and salary administration performance appraisal, job analysis and labor relations.

0201	Christopher King	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Sa 8:00am - 3:00pm	CHM 1224

HLSA750 **Healthcare Management Information Systems**

HLSA750 Healthcare Management Information Systems; (3 credits) Grade Method: REG/AUD.
Provides a background and overview of the analysis, design, evaluation, selection, installation, use, and mangement of information systems in health care settings. Students will review the information management function and value of information and the role of information technology in the provision of high quality care and management decision making. Details on computer hardware, software, networking, and telecommunications sufficient for understanding of concepts relevant to health care managers and staff will be addressed.

WB11	Chiehwen Hsu	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

HLSA785 **Internship in Public Health**

HLSA785 Internship in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Health Services Administration department.
Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

0101	Lori Simon-Rusinowitz	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

HLSA786 **Capstone Project in Public Health**

HLSA786 Capstone Project in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Health Services Administration department.
Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

0102	Jack Meyer	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

0103	Lori Simon-Rusinowitz **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0104	Laura Wilson **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0105	Mary Kivlighan **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0106	Karoline Mortensen **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0107	Rada Dagher **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0202	Jack Meyer **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0203	Lori Simon-Rusinowitz **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0204	Laura Wilson **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0205	Mary Kivlighan **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0206	Karoline Mortensen **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

0207	Rada Dagher	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

HLSA898 **Pre-Candidacy Research**

HLSA898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLSA899 **Doctoral Dissertation Research**

HLSA899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH Health Summer 2012

HLTH106 **Drug Use and Abuse**

HLTH106 Drug Use and Abuse; (3 credits) Grade Method: REG/P-F/AUD.
An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.

WB31	Tracy Zeeger	Seats (Total: 40)
	Meets May 29, 2012 - June 15, 2012	
	Class time/details on ELMs	ONLINE

HLTH140 **Personal and Community Health**

HLTH140 Personal and Community Health; (3 credits) Grade Method: REG/P-F/AUD.
Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.

WB11	Jessica Jordan	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

HLTH150 **First Aid and Emergency Medical Services**

HLTH150 First Aid and Emergency Medical Services; (2 credits) Grade Method: REG/P-F/AUD.

Lecture, discussion and practice to train students in cardiopulmonary resuscitation (CPR) for adults, children and infants. Students will also learn first aid skills related to hemorrhage control, care for musculoskeletal injuries and care for sudden illnesses. Upon successful completion of the course, students will be awarded American Red Cross CPR and first aid certification.

0101	James Friedline	Seats (Total: 24)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 8:30pm	SPH 0302

HLTH289A **Topical Investigations; Western Europe: HIV/AIDS in Western Europe**
Contact department for information to register for this course.

HLTH298A **Special Topics in Health; Optimizing Health and Athletic Performance: Energy to Burn**

HLTH298A Special Topics in Health: Optimizing Health and Athletic Performance: Energy to Burn; (3 credits) Grade Method: REG/P-F/AUD.

0501	Jane Jakubczak	Seats (Total: 30)
	Meets June 18, 2012 - July 29, 2012	
	MTuWTh 9:30am - 11:15am	SPH 1303
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

HLTH377 **Human Sexuality**

HLTH377 Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.

0201	Denise Bellows **Meets July 9, 2012 - August 19, 2012** MTuWTh 10:00am - 11:45am	Seats (Total: 40) SPH 1301
WB31	Robin Sawyer **Meets May 29, 2012 - June 15, 2012** Class time/details on ELMs	Seats (Total: 168) ONLINE

HLTH386 **Experiential Learning**

HLTH386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.
Prerequisite: Permission of SPHL-Behavioral & Community Health department. Restriction: Junior standing or higher.

0201	Katherine Sharp **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

HLTH389 **Topical Investigations**

HLTH389 Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH460 **Minority Health**

HLTH460 Minority Health; (3 credits) Grade Method: REG/P-F.
Prerequisite: HLTH140 or HLTH230; or permission of SPHL-Behavioral & Community Health department. Health concerns of U.S. ethnic minority groups and factors placing them at elevated risk for disease and injury. Health education concepts and strategies to reduce disparities between their health status and the health status of the general population.

0101	Sharon Desmond	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 5:00pm - 8:45pm	SPH 1301

HLTH471 **Women's Health**

HLTH471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as: WMST471. Credit only granted for: HLT471 or WMST471. The historical, physiological, psychological, and sociological mechanisms which contribute to women's health. Topics will include gynecological concerns and reproductive health; nutrition, exercise; violence; substance use/abuse; and the health of special populations.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MW 5:00pm - 8:45pm	SPH 0308

HLTH489 **Field Laboratory Projects and Workshop**

HLTH489 Field Laboratory Projects and Workshop; (1-6 credits) Grade Method: REG/P-F/AUD.

0101	Robin Sawyer	Seats (Total: 3)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

HLTH498A **Special Topics in Health; Massage Therapy**

HLTH498A Special Topics in Health: Massage Therapy; (3 credits) Grade Method: REG/P-F/AUD.

0101	Geoffrey Gilbert	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MW 2:00pm - 5:40pm	SPH 0107

HLTH498T **Special Topics in Health; Medical Terminology**

HLTH498T Special Topics in Health: Medical Terminology; (3 credits) Grade Method: REG/P-F/AUD.
"On-line course"

WB21	Katherine Sharp	Seats (Total: 125)
	Meets July 9, 2012 - August 17, 2012	
	Class time/details on ELMs	ONLINE

HLTH665 **Health Behavior I**

HLTH665 Health Behavior I; (3 credits) Grade Method: REG/AUD.
The psychological, social psychological, and sociological theories of health behavior. The relation of health knowledge, beliefs, attitudes, intentions, and behavior to preventive, illness, sick-role, and health utilization behaviors.

0101	Robert Feldman	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:45pm	SPH 0301

HLTH688 **Special Problems in Health Education**

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH786 **Capstone Project in Public Health**

HLTH786 Capstone Project in Public Health; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Must have completed all required coursework; and permission of SPHL-Behavioral & Community Health department. Restriction: Must be in a major within SPHL-Behavioral & Community Health department. Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

HLTH898 **Pre-Candidacy Research**

HLTH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH899 **Doctoral Dissertation Research**

HLTH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HONR Honors Summer 2012

HONR238R **Honors Seminar: Terrorism**

HONR238R Honors Seminar: Terrorism; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.

0101	Edwin Smead	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 2:00pm - 5:15pm	TWS 1107

HONR249B **Honors Seminar; UK: Liberty, Slavery and the British Empire**
Contact department for information to register for this course.

HONR258M **Honors Seminar; Exploring Confucius' China**
Contact department for information to register for this course.

HONR258N **Honors Seminar; Exploring Confucius' China**
Contact department for information to register for this course.

HONR298A **Honors Seminar; Croatia: At the Doorsteps of the European Union- Leaving Behind the Memories**
Contact department for information to register for this course.

HONR338A **Advanced Honors Seminar; Italy and Landscape Architecture**
Contact department for information to register for this course.

HONR338D **Advanced Honors Seminar; Italy: Landscape Architecture, Architecture and Music**
Contact department for information to register for this course.

HONR348Z **Advanced Honors Seminar; Cameroon: European Colonialism**
Contact department for information to register for this course.

HONR349L **Honors Colloquium; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

INFM Information Management Summer 2012

INFM702 **User Interaction with Information Systems**

INFM702 User Interaction with Information Systems; (3 credits) Grade Method: REG/AUD.
Interactive user interfaces for information systems, including models of human information processing and decision making. Techniques of usability evaluation.

0101	Vera Rhoads	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:15pm	HBK 0105

INFM718N **Selected Topics in Information Management; Web-Enabled Databases**

INFM718N Selected Topics in Information Management: Web-Enabled Databases; (3 credits) Grade Method: REG/AUD.

WB21	Vedat Diker **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 20) ONLINE

INFM719 **Independent Study**

INFM719 Independent Study; (1-3 credits) Grade Method: REG.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0118	Ping Wang **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 3)
0122	Leah Findlater **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 3)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0222	Leah Findlater **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

INFM737 **Solving Problems in Information Management**

INFM737 Solving Problems in Information Management; (3 credits) Grade Method: S-F.
Corequisite: Concurrently enrolled in INFM736. Additional information: Required in student's last semester. In-depth problem analysis and resolution derived from and contributing to INFM 736. Independent study.

0201	Vedat Diker **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 4)

INST Information Studies Summer 2012

INST717 **Internship Practicum in Human-Computer Interactions**

INST717 Internship Practicum in Human-Computer Interactions; (3 credits) Grade Method: REG/AUD.
Prerequisite: INST631 and INST632. Recommended: INST701. Restriction: Permission of INFO-College of Information Studies; and must be in Human-Computer Interaction (Master's) program. Required, supervised experience working in an industry, government, non-profit organization or an educational institution to address a problem in Human-Computer Interaction. Students will spend a minimum of 120 hours working in the agency during the internship. The class will meet on campus May 29 from 3:00 to 6:00pm and August 13 and 14 from 3:00 to 6:00pm in HBK 0115. In addition to on campus sessions, students will complete a 120 hour field study experience during the summer semester.

0101	Evan Golub	Seats (Total: 25)
	Meets May 29, 2012 - August 19, 2012	
	Contact instructor or department for details.	

INST810 **Individual Research Experience**

INST810 Individual Research Experience; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Credit only granted for: INST810 or LBSC810. Formerly: LBSC810. Pre-candidacy individual research experience directed by a faculty member.

Contact department for information to register for this course.

ISRL Israel Studies Summer 2012

ISRL349X **Investigating Topics in Israel Studies; Conflict Resolution - The Israeli Palestinian Experiment**

ISRL349X Investigating Topics in Israel Studies: Conflict Resolution - The Israeli Palestinian Experiment; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as GVPT309X. This groundbreaking interactive course provides an in-depth understanding of this conflict using simulations exploring contending historical perspectives and the search for common ground. Topics include Jerusalem, refugees, settlements, water rights, border disputes and security concerns. Profressor Manuel Hassassian has been the Executive Vice-President of the Bethlehem University and is currently the Ambassador of the Palestinian Authority in the United Kingdom. Profressor Edy Kaufman has been the Director of both the Harry S. Truman Institute for the Advancement of Peace at the Hebrew University of Jerusalem and the Center for International Development and Conflict Management at UMD and is concurrently teaching at the Interdisciplinary Center in Herzliya, Israel. In addition to the scheduled class time, the course will also meet on Saturday, August 11th and Sunday, August 12th from 9:00am-6:40pm for an interactive conflict resolution workshop. Click here for more course information. Vist us on You Tube for more course information.

0601	M. Hassassian, Edward Kaufman	Seats (Total: 35)
	Meets July 30, 2012 - August 17, 2012	
	TuTh 6:00pm - 9:20pm	TYD 2110
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

ITAL Italian Summer 2012

ITAL103 **Intensive Elementary Italian**

ITAL103 Intensive Elementary Italian; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Not open to fluent/native speakers of Italian. Credit only granted for: ITAL103 or ITAL121. Covers speaking, reading, writing, listening, and culture of Italian-speaking world.

0101	Maria Fleri	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 9:00am - 11:15am	JMZ 0205

ITAL169C **Special Topics in Study Abroad I; Italian Conversation**
Contact department for information to register for this course.

ITAL169E **Special Topics in Study Abroad I; Elementary Italian I**
Contact department for information to register for this course.

ITAL169I **Special Topics in Study Abroad I; Intensive Intermediate Italian I**
Contact department for information to register for this course.

ITAL169R **Special Topics in Study Abroad I; Introduction to Italian Language and Culture**
Contact department for information to register for this course.

ITAL169Y **Special Topics in Study Abroad I; Introduction to Italian Language I**
Contact department for information to register for this course.

ITAL169Z **Special Topics in Study Abroad I; Introduction to Italian Language II**
Contact department for information to register for this course.

ITAL203 **Intensive Intermediate Italian**

ITAL203 Intensive Intermediate Italian; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: ITAL103; or Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed ITAL122; and Must not be a fluent/native speaker of Italian. Credit only granted for: ITAL203 or ITAL122. Covers speaking, reading, writing, listening, and culture of Italian-speaking world.

0201	Joseph Falvo	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	MTuWTh 9:00am - 11:15am	JMZ 3205

ITAL204 **Review Grammar and Composition**
Contact department for information to register for this course.

ITAL207 **Reading and Writing in Italian**
Contact department for information to register for this course.

ITAL211 **Intermediate Conversation**
Contact department for information to register for this course.

ITAL269I **Special Topics in Study Abroad II; Intensive Intermediate Italian I**

Contact department for information to register for this course.

ITAL301 **Italian Composition**
Contact department for information to register for this course.

ITAL369A **Special Topics in Study Abroad III; Italian Culture I**
Contact department for information to register for this course.

ITAL369W **Special Topics in Study Abroad III; Composition and Style**
Contact department for information to register for this course.

ITAL431 **Italian Civilization in Translation**
Contact department for information to register for this course.

ITAL471 **Italian Cinema: A Cultural Approach in Translation**
Contact department for information to register for this course.

ITAL499P **Special Topics in Italian Studies; Italian Politics in Film**
Contact department for information to register for this course.

JAPN Japanese Summer 2012

JAPN101 **Elementary Japanese I**

JAPN101 Elementary Japanese I; (6 credits) Grade Method: REG.
Introduction to basic patterns of contemporary spoken Japanese and to the two phonetic syllabaries (Katakana and Hiragana).

0101	Carlos Pimentel	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 12:20pm	JMZ 3205

JAPN102 **Elementary Japanese II**

JAPN102 Elementary Japanese II; (6 credits) Grade Method: REG.
Prerequisite: Minimum grade of C- in JAPN101; or permission of instructor. Continued introduction to the basic spoken patterns of contemporary Japanese.

0201	Kumiko Akikawa	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 9:30am - 12:20pm	JMZ 1117

JAPN201 **Intermediate Japanese I**

JAPN201 Intermediate Japanese I; (6 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: Minimum grade of C- in JAPN102; or permission of instructor.
Contemporary spoken and written Japanese.

0101	Makiko Inoue	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 12:20pm	JMZ 2206

JAPN202 **Intermediate Japanese II**

JAPN202 Intermediate Japanese II; (6 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: Minimum grade of C- in JAPN201; or permission of instructor.
Contemporary spoken and written Japanese.

0201	Etsuko Yamakita	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 9:30am - 12:20pm	JMZ 2206

JOUR Journalism Summer 2012

JOUR150 **Introduction to Mass Communication**

JOUR150 *(PermReq)* **Introduction to Mass Communication; (3 credits)** Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Restriction: Not open to students who have completed JOUR100 prior to Fall 1999.
Survey of the functions and effects of the mass media in the United States. A consumer's introduction to newspapers, television, radio, film, sound recording, books, magazines, and new media technology.

YS41	Rem Rieder	Seats (Total: 18)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:00am - 12:00pm	KNI 2107
	This section is part of The Young Scholars Program. Enrollment by permission only.	

JOUR175 **Media Literacy**

JOUR175 Media Literacy; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Scholarship in Practice; Diversity - Understanding Plural Societies.
Additional information: Not applicable toward journalism major. An analysis of the information, values and underlying messages conveyed via television, newspapers, the internet, magazines, radio and film. Examines the accuracy of those messages and explores how media shape views of politics, culture and society.

0301	Susan Moeller	Seats (Total: 18)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 9:00am - 12:25pm	KNI 3210
FF61	Soo-Kwang Oh	Seats (Total: 20)
	Meets July 30, 2012 - August 17, 2012	
	MTuWTh 1:00pm - 4:20pm	KNI 1208
	Part of Freshmen First.	

JOUR181 **Grammar for Journalists**

JOUR181 Grammar for Journalists; (1 credit) Grade Method: REG/P-F/AUD.
Credit only granted for: ENGL181, ENGL281, or JOUR181. An examination of the basic structure of written English needed for precise journalistic writing. Parts of speech, sentence patterns, standard punctuation, diction, and usage will be examined with an emphasis on its application in journalism. Class will meet first three weeks of the semester.

0301	Linda Coleman	Seats (Total: 30)
	Meets May 29, 2012 - June 15, 2012	
	MWF 2:00pm - 3:40pm	TWS 3134

JOUR199 **Survey Apprenticeship; Survey Apprenticeship**

JOUR199 *(PermReq)* **Survey Apprenticeship: Survey Apprenticeship; (1 credit)** Grade Method: S-F.

0101	Christine Harvey **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details. *Students should meet with Internship Director Chris Harvey no later tha 6/1 to gain permission to enroll. Contact Director to obtain permission.*	Seats (Total: 50)
0201	Christine Harvey **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details. *Students should meet with Internship Director Chris Harvey no later tha 7/10 to gain permission to enroll. Contact Director to obtain permission.*	Seats (Total: 50)

JOUR201 **News Writing and Reporting I**

JOUR201 *(PermReq)* **News Writing and Reporting I; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in ENGL101, JOUR181, and JOUR200; and permission of JOUR-Philip Merrill College of Journalism. Restriction: For students intending to be journalism majors; and permission of JOUR-Philip Merrill College of Journalism. Introduction to news for the print and electronic media, development of new concepts: laboratory in news-gathering tools and writing skills. Students who earned 80% or higher on the JOUR181 diagnostic are exempt from the JOUR181 prerequisite.

0101	Tamara Cooke Henry **Meets May 29, 2012 - July 8, 2012** MTuWThF 10:00am - 11:40am	Seats (Total: 16) KNI 2103
0201	Raymond McCaffrey **Meets July 9, 2012 - August 19, 2012** MTuWThF 2:00pm - 3:40pm	Seats (Total: 18) KNI 2107

JOUR203 **Introduction to Multimedia Skills**

JOUR203 *(PermReq)* **Introduction to Multimedia Skills; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: JOUR201. Restriction: Must be in a major in JOUR-Philip Merrill College of Journalism. Credit only granted for: JOUR203 or JOUR328G. Formerly: JOUR328G. Examining the basics of producing and editing digital photos, video, and audio. Topics inlcude: framing, lighting, and other aspects of composition; sequencing, using wide, medium, and tight shots; and ethical considerations when collecting sound and visuals.

0101	Michael Koliska	Seats (Total: 18)
	Meets May 29, 2012 - July 8, 2012	
	MWF 12:00pm - 2:45pm	KNI 2107

JOUR262 **News Editing for Broadcast**

JOUR262 *(PermReq)* **News Editing for Broadcast; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in JOUR203. Credit only granted for: JOUR202B or JOUR262. This skills based course is designed to introduce students to the production and content standards of professional video production for the broadcast and Internet news.

0201	Bethany Swain	Seats (Total: 9)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 12:30pm - 3:45pm Contact instructor or department for details.	KNI 2103

JOUR300 **Journalism Ethics**

JOUR300 *(PermReq)* **Journalism Ethics; (3 credits)** Grade Method: REG.
Prerequisite: JOUR201. Restriction: Must be in a major in JOUR-Philip Merrill College of Journalism. Examination of ethical problems in news writing and reporting.

0201	Alan Goldenbach	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 9:00am - 12:15pm	KNI 3202

JOUR328P **Special Topics in News Writing and Reporting; Media Coverage of the 2012 Election Campaigns**

JOUR328P *(PermReq)* **Special Topics in News Writing and Reporting: Media Coverage of the 2012 Election Campaigns; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: JOUR320 or permission of instructor. Students will examine campaigns and the parties, the issues, the grassroots organizations, and the involvement of the electorate, with particular focus on how the media covers (or not) these political forces.

0101	Rafael Lorente, Adrianne Flynn	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 12:20pm - 3:40pm	KNI 2105

JOUR398 **Independent Study**

JOUR398 Independent Study; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements. Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR399 **Supervised Internship**

JOUR399 *(PermReq)* **Supervised Internship; (1 credit)** Grade Method: REG. Prerequisite: C or better in JOUR320 or JOUR360.

0101	Christine Harvey	Seats (Total: 100)
	Meets May 29, 2012 - August 17, 2012	
	Contact instructor or department for details.	

JOUR400 **Media Law**

JOUR400 *(PermReq)* **Media Law; (3 credits)** Grade Method: REG. *Prerequisite: JOUR320, JOUR360, or JOUR501. Restriction: Junior standing or higher.* Legal rights and constraints of mass media; libel, privacy, copyright, monopoly, contempt, and other aspects of the law applied to mass communication. Previous study of the law not required.

0201	Sandra Banisky **Meets July 9, 2012 - August 19, 2012** MW 1:30pm - 4:50pm	Seats (Total: 30) KNI 1103

JOUR434 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR435 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR459J **Special Topics in Journalism; Photography and the Photo Essay**

JOUR459J Special Topics in Journalism: Photography and the Photo Essay; (3 credits) Grade Method: REG/P-F/AUD.
This course explores how photographers tell stories and express opinions through the medium of the photo essay. Students will investigate what kinds of information photo essays can communicate uniquely well - and what they cover poorly. Students will create two online (or in print) photo essays of their own (suitable for a job portfolio). Formal photographic training or professional equipment is not necessary for the course.

0301	Susan Moeller **Meets May 29, 2012 - June 15, 2012** MTuWTh 1:25pm - 4:50pm	Seats (Total: 16) KNI 3210

JOUR501 **Fundamentals of Writing and Editing**

JOUR501 *(PermReq)* **Fundamentals of Writing and Editing; (3 credits)** Grade Method: REG/AUD.
Prerequisite: Permission of JOUR-Philip Merrill College of Journalism. Principles of news and feature writing. For graduate students with limited prior training or experience in journalism.

0101	Rafael Lorente **Meets May 29, 2012 - July 8, 2012** MTuWThF 9:00am - 10:40am	Seats (Total: 18) KNI 2105

JOUR504 **Introduction to Multimedia Skills**

JOUR504 *(PermReq)* **Introduction to Multimedia Skills; (3 credits)** Grade Method: REG/AUD.
Corequisite: Concurrently enrolled in JOUR501; or permission of instructor. Restriction: Permission of JOUR-Philip Merrill College of Journalism. Credit only granted for: JOUR504 or JOUR628G. Formerly: JOUR628G. Examining the basics of producing and editing digital photos, video, and audio. Topics include: framing, lighting, and other aspects of composition; sequencing, using wide, medium, and tight shots; and ethical considerations when collecting sound and visuals.

0101	Stanton Paddock	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MWF 12:00pm - 2:45pm	KNI 2105

JOUR600 **Journalism Ethics**

JOUR600 *(PermReq)* **Journalism Ethics; (3 credits)** Grade Method: REG/AUD.
Prerequisite: Permission of JOUR-Philip Merrill College of Journalism. Examination of ethical problems in journalism and the media industry.

0201	Alan Goldenbach	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 9:00am - 12:15pm	KNI 3202

JOUR603 **Reporting for Broadcast**

JOUR603 *(PermReq)* **Reporting for Broadcast; (3 credits)** Grade Method: REG/AUD.
Corequisite: Concurrently enrolled in JOUR501; or permission of JOUR-Philip Merrill College of Journalism. Restriction: Permission of JOUR-Philip Merrill College of Journalism. Credit only granted for: JOUR503 or JOUR603. Formerly: JOUR503. Designed to introduce students to the production and content standards of professional writing and video production for broadcast and Internet News.

0201	Bethany Swain	Seats (Total: 9)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 12:30pm - 3:45pm	KNI 2103
	Contact instructor or department for details.	

JOUR620 **Public Affairs Reporting**

JOUR620 *(PermReq)* **Public Affairs Reporting; (3 credits)** Grade Method: REG/AUD.
Prerequisite: JOUR501; or permission of JOUR-Philip Merrill College of Journalism.
Designed to add to and sharpen the skills learned in JOUR501. It is primarily an introduction to "beat" reporting that allows students to sample the most common new beats while reporting and writing on deadline. Students are required to develop and hone their multimedia skills by reporting in a variety of media.

0201	Sandra Banisky	Seats (Total: 14)
	Meets July 9, 2012 - August 19, 2012	
	MW 9:00am - 12:20pm	KNI 3210

JOUR698 **Special Problems in Communication**

JOUR698 Special Problems in Communication; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR698P **Special Problems in Communication; Media Coverage of the 2012 Election Campaigns**

JOUR698P *(PermReq)* **Special Problems in Communication: Media Coverage of the 2012 Election Campaigns; (3 credits)** Grade Method: REG/AUD.
Prerequisite: JOUR501 and permission of department. Students will exami ne campaigns and the parties, the issues, the grassroots organizations, and the involvement of the electorate, with particular focus on how the media covers (or not) these political forces.

0101	Adrianne Flynn, Rafael Lorente	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 12:20pm - 3:40pm	KNI 2105

JOUR700 **Seminar in Media Law**

JOUR700 *(PermReq)* **Seminar in Media Law; (3 credits)** Grade Method: REG/AUD. *Restriction: Must be in one of the following programs (Journalism - Master (Master's); Journalism Studies (Doctoral)) ; or permission of JOUR-Philip Merrill College of Journalism. Credit only granted for: JOUR400, JOUR700, or JOUR755. Formerly: JOUR755.* Legal rights and constraints of mass media; libel, privacy, copyright, monopoly, and contempt, and other aspects of the law applied to mass communication.

0201	Sandra Banisky	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	MW 1:30pm - 4:50pm	KNI 1103

JOUR734 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR735 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR798 **Master's Professional Fieldwork**

JOUR798 Master's Professional Fieldwork; (1-6 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR799 **Master's Thesis Research**

JOUR799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR888 **Doctoral Professional Field Work**

JOUR888 Doctoral Professional Field Work; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR889 **Doctoral Tutorial in Journalism and Public Communication**

JOUR889 Doctoral Tutorial in Journalism and Public Communication; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR898 **Pre-Candidacy Research**

JOUR898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR899 **Doctoral Dissertation Research in Journalism and Mass Communication**

JOUR899 Doctoral Dissertation Research in Journalism and Mass Communication; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JWST Jewish Studies Summer 2012

JWST289T **The Practice of Tolerance in Religious Societies**

JWST289T The Practice of Tolerance in Religious Societies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. Also offered as HIST289G and RELS289T.

WB21	Bernard Cooperman	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

JWST369A **Special Topics in Study Abroad III; The Holocaust: 20th Century Jewish Thought**
Contact department for information to register for this course.

KNES Kinesiology Summer 2012

KNES137N **Physical Education Activities: Coed; Golf (Beginning)**

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1 credit)
Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Jeff Maynor **Meets May 29, 2012 - July 8, 2012** TuWTh 1:00pm - 2:40pm	Seats (Total: 24) GLF 1102	 Lab
0201	Jeff Maynor **Meets July 9, 2012 - August 19, 2012** TuWTh 10:00am - 11:40am	Seats (Total: 24) GLF 1102	 Lab

KNES137O **Physical Education Activities: Coed; Golf**

KNES137O Physical Education Activities: Coed: Golf; (1 credit) Grade Method: REG/P-F/AUD.

0201	Jeff Maynor **Meets July 9, 2012 - August 19, 2012** TuWTh 1:00pm - 2:40pm	Seats (Total: 20) GLF 1102	 Lab

KNES154T **Physical Education Activities: Coed; Swim Fitness (Beginning)**

KNES154T Physical Education Activities: Coed: Swim Fitness (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Christopher Whipple **Meets May 29, 2012 - July 8, 2012** MTuWTh 1:00pm - 2:15pm	Seats (Total: 20) ERC B0120	

KNES155N **Physical Education Activities: Coed; Tennis (Beginning)**

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1 credit)
Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Andrew Ginsberg	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 3:00pm - 4:20pm	COL 1100	Lab

KNES155O **Physical Education Activities: Coed; Tennis (Intermediate)**

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1 credit)
Grade Method: REG/P-F.
Attendance required beginning the first day of class.

0101	Andrew Ginsberg	Seats (Total: 15)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 3:00pm - 4:20pm	COL 1100	Lab

KNES157N **Physical Education Activities: Coed; Weight Training (Beginning)**

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Samuel English	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 1:00pm - 2:20pm	SPH 0103	Lab
0201	Dapeng Chen	Seats (Total: 10)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWTh 1:00pm - 2:20pm	SPH 0103	Lab

KNES157O **Physical Education Activities: Coed; Weight Training (Intermediate)**

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Samuel English	Seats (Total: 14)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 1:00pm - 2:20pm	SPH 0103	Lab

0201	Dapeng Chen **Meets July 9, 2012 - August 19, 2012** MTuWTh 1:00pm - 2:20pm	Seats (Total: 20) SPH 0103	 Lab

KNES161C **Physical Education Activities: Coed; Spinning (Intermediate)**

KNES161C Physical Education Activities: Coed: Spinning (Intermediate); (1 credit) Grade Method: REG/P-F.

0101	Andrea Romeo **Meets May 29, 2012 - July 8, 2012** MTuTh 10:00am - 12:00pm	Seats (Total: 20) COL SB0191	

KNES161T **Physical Education Activities: Coed; Yoga (Beginning)**

KNES161T Physical Education Activities: Coed: Yoga (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Sheree Mullen **Meets May 29, 2012 - July 8, 2012** MW 9:30am - 11:45am	Seats (Total: 25) SPH 0128	 Lab
0102	Sheree Mullen **Meets May 29, 2012 - July 8, 2012** MW 1:15pm - 3:30pm	Seats (Total: 25) SPH 0128	 Lab
0401	Anne Contee **Meets July 9, 2012 - July 27, 2012** MW 8:00am - 10:15am	Seats (Total: 25) SPH 0128	 Lab

KNES200 **Introduction to Kinesiology**

KNES200 *(PermReq)* **Introduction to Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must be in Kinesiology program; and Freshman standing. Or must not be in Kinesiology program; and Must have less than 60 credits. Credit only granted for: KNES200 or KNES289M. Formerly: KNES289M. An overview of kinesiology, the interdisciplinary study of physical activity. Examines human motor behavior and its cultural forms such as sport from the physiological, psychological, sociological, historical, philosophical, and biomechanical perspectives.

YS41	Jo Zimmerman	Seats (Total: 30)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:30am - 12:00pm	SPH 0124	
	TuTh 1:00pm - 4:00pm	SPH 0124	Lab
	This section is part of The Young Scholars Program. Enrollment by permission only.		

KNES260 **Science of Physical Activity and Cardiovascular Health**

KNES260 Science of Physical Activity and Cardiovascular Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences.
Course details (1) the public health importance of and the processes underlying cardiovascular disease, (2) the risk factors for cardiovascular disease and the methods whereby they were identified, and (3) the principles of the scientific evidence supporting the use of physical activity to prevent cardiovascular disease. This course will be taught on-line. Students should be registered before July 12 for full access to course materials.

WB21	James Hagberg	Seats (Total: 50)	
	Meets July 9, 2012 - August 19, 2012		
	Class time/details on ELMs	ONLINE	

KNES287 **Sport and American Society**

KNES287 Sport and American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.

WB11	Jennifer Sterling **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 75) ONLINE
WB21	Ronald Mower **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 50) OLINE

KNES289 **Topical Investigations**

KNES289 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES289C **Topical Investigations; Organizational Training for Youth Sport Camps**

KNES289C *(PermReq)* **Topical Investigations: Organizational Training for Youth Sport Camps; (3 credits)** Grade Method: REG.
Lecture will meet June 1-18, Mondays and Wednesdays in Glazer Auditorium , Gossett Football Team House. The labs will meet June 21-July 10 at 8: 30am - 5pm in SPH 2101.

0101	Elizabeth Brown **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 50)

KNES289O **Topical Investigations; Leadership and Management of Youth Sports Camps**

KNES289O Topical Investigations: Leadership and Management of Youth Sports Camps; (3 credits) Grade Method: REG.

0101	Elizabeth Brown	Seats (Total: 50)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

KNES293 **History of Sport in America**

KNES293 History of Sport in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.
The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement.

WB11	Damion Thomas	Seats (Total: 75)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE
WB21	Damion Thomas	Seats (Total: 75)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

KNES300 **Biomechanics of Human Motion**

KNES300 Biomechanics of Human Motion; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI201; and Must have completed MATH112 or MATH1115; or must have a math eligibility of MATH140 or higher. Recommended: PHYS121. The study of human movement and the physical and physiological principles upon which it depends. Body mechanics, posture, motor efficiency, sports, the performance of a typical individual and the influence of growth and development upon motor performance.

0202	Rodolphe Gentili	Seats (Total: 20)	
	Meets July 9, 2012 - August 19, 2012		
	MW 5:00pm - 8:30pm	SPH 1303	
	MW 2:00pm - 4:30pm	SPH 0124	Lab

KNES350 **The Psychology of Sports**

KNES350 The Psychology of Sports; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

WB21	Mark Saffer	Seats (Total: 75)	
	Meets July 9, 2012 - August 19, 2012		
	Class time/details on ELMs	ONLINE	

KNES360 **Physiology of Exercise**

KNES360 Physiology of Exercise; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in BSCI202 and BSCI201; or permission of SPHL-Kinesiology department.* A study of the physiology of exercise, including concepts of work, muscular contraction, energy transformation, metabolism, oxygen debt, and nutrition and athletic performance. Emphasis on cardiovascular and respiratory function in relation to physical activity and training.

0101	Rosemary Lindle	Seats (Total: 18)	
	Meets May 29, 2012 - July 8, 2012		
	TuWTh 12:00pm - 3:00pm	SPH 0308	
	TuTh 10:00am - 12:00pm	SPH 0116	Lab
0102	Rosemary Lindle	Seats (Total: 18)	
	Meets May 29, 2012 - July 8, 2012		
	TuWTh 12:00pm - 3:00pm	SPH 0308	
	TuTh 3:00pm - 5:00pm	SPH 0116	Lab

KNES370 **Motor Development**

KNES370 Motor Development; (3 credits) Grade Method: REG/P-F/AUD. Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development. This coure is taught on-line. Students should be registered before June 1 to have full access to the course materials. Students who wish to register after June 5, 2010, please e-mail summer@umd.edu .

WB31	Marcio Oliveira	Seats (Total: 50)
	Meets May 29, 2012 - June 15, 2012	
	Class time/details on ELMs	ONLINE

KNES385 **Motor Control and Learning**

KNES385 Motor Control and Learning; (3 credits) Grade Method: REG/P-F/AUD. Physiological and cognitive bases for motor control and their applications to the acquisition of movement skills and understanding of movement disorders. Topics include: neurophysiology, motor control theory, sensory/perceptual processes, perception-action coupling, information processing, memory, attention, individual differences, motivation, practice organization and role of feedback. Click here to download a draft of the course syllabus.

WB21	John Jeka	Seats (Total: 50)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

KNES389 **Topical Investigations**

KNES389 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES389A **Topical Investigations; London: Sport and Culture in the Global Marketplace**
Contact department for information to register for this course.

KNES389B **Topical Investigations; Foundations of the Global Sport Industry**
Contact department for information to register for this course.

KNES389K **Topical Investigations; Kinesiological Sciences Internship**

KNES389K *(PermReq)* **Topical Investigations: Kinesiological Sciences Internship; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: KNES major and relevant KNES major classes.

Contact department for information to register for this course.

KNES440 **Psychology of Athletic Performance**

KNES440 Psychology of Athletic Performance; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES350. Restriction: Junior standing or higher. Credit only granted for: KNES498P, KNES689Z, or KNES440. Formerly: KNES498P. Examines the psychological factors, mechanisms, and processes in athletic performance. Utilizes a social psychological approach to focus on the study and review of individual performance in both the interpersonal and social context. This course fulfills KNES upper level Option requirement.

0301	Seppo Iso-Ahola	Seats (Total: 40)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 4:00pm - 7:30pm	SPH 1302

KNES451 **Children and Sport: A Psychosocial Perspective**

KNES451 Children and Sport: A Psychosocial Perspective; (3 credits) Grade Method: REG/P-F.
Prerequisite: KNES350. Restriction: Junior standing or higher. Examination of youth sports from a psychosocial perspective, including the impact of highly structured sports on young athletes and the complex social network of coaches, parents and peers. This course fulfills KNES upper level Option requirement.

0101	Elizabeth Brown	Seats (Total: 50)
	Meets May 29, 2012 - July 8, 2012	
	MW 5:00pm - 8:30pm	SPH 1301

KNES485 **Sport and Globalization**

KNES485 Sport and Globalization; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Diversity - Understanding Plural Societies.
Prerequisite: KNES287. Restriction: Junior standing or higher. Credit only granted for: KNES485 and KNES498T. Formerly: KNES498T. Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures. This course meets entirely online. This course fulfills KNES upper level Option requirement.

WB31	David Andrews	Seats (Total: 50)
	Meets May 29, 2012 - June 15, 2012	
	Class time/details on ELMs	ONLINE

KNES498 **Special Topics in Kinesiology; Special Topics in Kinesiology**

KNES498 *(PermReq)* **Special Topics in Kinesiology: Special Topics in Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES498I **Special Topics in Kinesiology; Advanced Applied Physiology**

KNES498I Special Topics in Kinesiology: Advanced Applied Physiology; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB11	Eva Chin	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

KNES689 **Special Problems in Kinesiology**

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-4 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES689I **Special Problems in Kinesiology; Teaching Secondary Physical Education**

KNES689I Special Problems in Kinesiology: Teaching Secondary Physical Education; (3 credits) Grade Method: REG/AUD.
A focus on content development and implementation, teacher effectiveness grounded in data analysis, and assessment of student learning in middle and secondary schools.

IHP1	Dena Deglau	Seats (Total: 15)
	Meets June 4, 2012 - June 30, 2012	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	Class meets at the Shady Grove campus.	

KNES689J **Special Problems in Kinesiology; London: Sport, Commerce and Culture in the Global Marketplace**
Contact department for information to register for this course.

KNES689T **Special Problems in Kinesiology; Teaching Internship**

KNES689T *(PermReq)* **Special Problems in Kinesiology: Teaching Internship; (1-6 credits)** Grade Method: REG/AUD.

IHP1	Dena Deglau	Seats (Total: 10)
	Meets May 29, 2012 - August 19, 2012	
	Contact instructor or department for details.	
	Outreach Secondary MCERT-KNES. Departmental Permission Required.	

KNES689V **Special Problems in Kinesiology; Teaching Elementary Physical Education**

KNES689V Special Problems in Kinesiology: Teaching Elementary Physical Education; (3 credits) Grade Method: REG/AUD.
A focus on developmentally appropriate content development and implementation, navigating the instructional, managerial and social task systems using effective teaching behaviors and enhancing student learning through an interdisciplinary approach in elementary schools.

IHP1	Dena Deglau	Seats (Total: 15)
	Meets June 4, 2012 - June 30, 2012	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class meets at the Shady Grove campus.	

KNES789 **Advanced Seminar**

KNES789 Advanced Seminar; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES799 **Master's Thesis Research**

KNES799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES899 **Doctoral Dissertation Research**

KNES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC Landscape Architecture Summer 2012

LARC188A **Special Topics in Landscape Architecture; Public Spaces: Then and Now - Italy**
Contact department for information to register for this course.

LARC451 **Sustainable Communities**
Contact department for information to register for this course.

LARC471 **Capstone Studio: Community Design**
Contact department for information to register for this course.

LARC489A **Special Topics in Landscape Architecture; Italy Architecture**
Contact department for information to register for this course.

LARC489B **Special Topics in Landscape Architecture; Urban Sites: Landscape Architecture in the City**

LARC489B Special Topics in Landscape Architecture: Urban Sites: Landscape Architecture in the City; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

0501	Caren Yglesias	Seats (Total: 20)
	Meets June 18, 2012 - July 5, 2012	
	MTuWTh 1:00pm - 4:30pm	PLS 0104
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu.	

LARC489C **Special Topics in Landscape Architecture; Sustainable Futures in Costa Rica**
Contact department for information to register for this course.

LARC489D **Special Topics in Landscape Architecture; Italy: Landscape Architecture, Architecture and Music**
Contact department for information to register for this course.

LARC489P **Special Topics in Landscape Architecture; Panama: Landscape Architecture**
Contact department for information to register for this course.

LARC499 **Independent Studies in Landscape Architecture**

LARC499 *(PermReq)* **Independent Studies in Landscape Architecture; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC699 **Independent Studies in Landscape and Architecture**

LARC699 *(PermReq)* **Independent Studies in Landscape and Architecture; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC799 **Master's Thesis Research**

LARC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC Library Science Summer 2012

LBSC601 **Users and Information Context**

LBSC601 Users and Information Context; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of INFO-College of Information Studies.* Nature and roles of information and information institutions; information behavior; studying information behavior; information policy; the information professions.

WB21	Ann Prentice	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

LBSC611 **History of the Book**

LBSC611 History of the Book; (3 credits) Grade Method: REG/AUD. *Credit only granted for: LBSC611 or LBSC078B. Formerly: LBSC708B.* Introduction to the history and development of the book from pre-printing and incunabula to the post-modern book. Book illustration; publishing; collecting.

0101	Stephen Greenberg	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MW 5:30pm - 9:15pm	PLS 1111

LBSC635 **Management and Administration for the Information Professional**

LBSC635 Management and Administration for the Information Professional; (3 credits) Grade Method: REG/AUD. *Not open to students who have completed LBSC630.* Management and administrative theory and principles and their implications and applications to information organizations. Restricted to E-Government Students only.

ML11	Bruce Dearstyne	Seats (Total: 19)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

LBSC641 **Selecting and Evaluating of Resources for Learning**

LBSC641 Selecting and Evaluating of Resources for Learning; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies. Policies and procedures for collection development, including identifying, evaluating, acquiring, providing, and promoting resources in all formats, to support learning and teaching in elementary and secondary schools.

0101	Gail Bailey	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MW 5:00pm - 9:15pm	HBK 4113

LBSC646 **Literature and Materials for Young Adults**

LBSC646 Literature and Materials for Young Adults; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies. Credit only granted for: LBSC646 or LBSC746. Formerly: LBSC746. Survey of literature and other materials for older children and adolescents. Criteria for evaluating and using such materials as they relate to the needs, interests, reading abilities, and other capabilities of young readers.

0101	Deborah Taylor	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 5:30pm - 8:45pm	HBK 0109

LBSC650 **Information Access Services**

LBSC650 Information Access Services; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies. Information needs, search mediation, search strategies, reference services, information access issues, collection development.

SG10	Mary Choquette	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MW 5:30pm - 8:45pm	BLD3 2203

LBSC670 **Organization of Information**

LBSC670 Organization of Information; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of INFO-College of Information Studies.* Functions and evaluation of document and information retrieval systems; analysis and representation of data, information, knowledge, language, and text; metadata for the control of documents and other objects. One additional class session will be scheduled.

0201	Katy Lawley **Meets July 9, 2012 - August 19, 2012** TuTh 5:30pm - 8:45pm	Seats (Total: 30) HBK 2119
ML11	Taverekere Srikantaiah **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs *Restricted to LBSO students only.*	Seats (Total: 19) ONLINE

LBSC690 **Information Technology**

LBSC690 Information Technology; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of INFO-College of Information Studies.* Human-centered design issues, implementation and technical issues, and application and sociotechnical issues of information technology; emerging information technologies.

ML11	Jennifer Golbeck **Meets May 29, 2012 - July 8, 2012** Class time/details on ELMs	Seats (Total: 19) ONLINE

LBSC701 **Research Methods in Library and Information Studies**

LBSC701 Research Methods in Library and Information Studies; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies. Techniques and strategies of research as applied to the definition, investigation, and evaluation of information problems. Restricted to LBSO students.

ML21	Cherie Givens **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 19) ONLINE

LBSC707 **Field Study in Library Service**

LBSC707 Field Study in Library Service; (3 credits) Grade Method: REG/AUD. *Prerequisite: LBSC601, LBSC650, LBSC670, and LBSC690; and Must have completed 12 additional credits. Restriction: Permission of INFO-College of Information Studies.* Supervised experience within library operations and/or the opportunity to perform a study to solve a specific problem in a suitable library or other information agency. The class will meet on campus 5/30, 7/11, 8/8, and 8/15. In addition to on campus sessions, students will complete a 120 hours field study experience during the summer semester.

0101	Diane Barlow	Seats (Total: 25)
	Meets May 29, 2012 - August 17, 2012	
	W 5:30pm - 8:45pm	HBK 1112

LBSC708O **Special Topics in Information Studies; Genealogy Resources Services**

LBSC708O Special Topics in Information Studies: Genealogy Resources Services; (1-3 credits) Grade Method: REG/AUD.

0201	Mary Mannix	Seats (Total: 16)
	Meets July 9, 2012 - August 19, 2012	
	MW 5:30pm - 8:45pm	HBK 4113

LBSC708R **Special Topics in Information Studies; Visual and Sound Materials**

LBSC708R Special Topics in Information Studies: Visual and Sound Materials; (3 credits) Grade Method: REG/AUD.

0101	Chuck Howell	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 2:00pm - 5:15pm	HBK 4115

LBSC708W **Special Topics in Information Studies; Exhibitions, Public Programs, and Outreach in Libraries, Archives and Museums**

LBSC708W Special Topics in Information Studies: Exhibitions, Public Programs, and Outreach in Libraries, Archives and Museums; (3 credits) Grade Method: REG/AUD.

0101	Mary Choquette	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 2:00pm - 5:15pm	HBK 2119

LBSC709 **Independent Study**

LBSC709 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC729R **International Opportunities in Information Studies; Libraries and Cultural Heritage Institutions of St. Petersbuurg**

Contact department for information to register for this course.

LBSC735 **Legal Issues in Managing Information**

LBSC735 Legal Issues in Managing Information; (3 credits) Grade Method: REG/AUD.

Prerequisite: Permission of INFO-College of Information Studies. Legal issues related to collecting, maintaining, and providing access to information materials. Includes ownership, copyright, privacy, freedom of information, and related issues in archives, libraries and other settings.

0201	Corey Williams	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	MW 5:30pm - 8:45pm	HBK 2119

LBSC745 **Storytelling Materials and Techniques**

LBSC745 Storytelling Materials and Techniques; (3 credits) Grade Method: REG/AUD.

Prerequisite: LBSC645; or students who have taken courses with similar or comparable course content may contact the department. Literary sources and instruction and practice in oral techniques. This is an online course.

SG20	Annette Goldsmith	Seats (Total: 19)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

LBSC775 **Construction and Maintenance of Index Languages and Thesauri**

LBSC775 Construction and Maintenance of Index Languages and Thesauri; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies; and LBSC670.
Design of index languages/thesauri and procedures for their construction. Analysis and evaluation of existing index languages/thesauri. Term project in constructing an index language/thesaurus. This course will meet on campus, Friday, June 1st, 2012, 1pm-5pm in HBK 2119. All other coursework will be done online.

HY11	Taverekere Srikantaiah	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

LBSC898 **Pre-Candidacy Research**

LBSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC899 **Doctoral Dissertation Research**

LBSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LGBT Lesbian Gay Bisexual Transgender Studies Summer 2012

LGBT448G **Special Topics in Lesbian, Gay, Bisexual, and Transgender Studies; Where the Wilde Things Are: Queer Identities in Drama and Performance**

LGBT448G Special Topics in Lesbian, Gay, Bisexual, and Transgender Studies: Where the Wilde Things Are: Queer Identities in Drama and Performance; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies.
Also offered as THET489Q.

0101	Korey Rothman	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuW 1:00pm - 3:15pm	PAC 2804

LING Linguistics Summer 2012

LING240 **Language and Mind**

LING240 Language and Mind; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.
Additional information: Required for Linguistics majors and recommended for students in related fields. The study of language as a cognitive phenomenon. Focus on mastering the concepts and technical skills required for further courses in linguistics. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Additional topics may include: animal communication, language and the brain, language and thought.

0101	Bradley Larson	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 10:50am	KEY 0119

LING499 **Directed Studies in Linguistics**

LING499 *(PermReq)* **Directed Studies in Linguistics; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING689 **Independent Study**

LING689 Independent Study; (1-3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 2)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	Instructor: TBA	Seats (Total: 2)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

LING698 **Directed Study**

LING698 *(PermReq)* **Directed Study; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING798 **Research Papers in Linguistics**

LING798 Research Papers in Linguistics; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING799 **Master's Thesis Research**

LING799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING889 **Directed Research**

LING889 *(PermReq)* **Directed Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING895 **Doctoral Research Paper**

LING895 *(PermReq)* **Doctoral Research Paper; (6 credits)** Grade Method: REG.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 2)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 2)

LING896 **Research Paper in Minor Area**

LING896 Research Paper in Minor Area; (3 credits) Grade Method: REG/AUD. *Prerequisite: LING895.* This course is designed to strengthen the students' ability to do research in a minor area of expertise, and to help them create a publishable piece. In addition, the course constitutes part of a set of requirements to advance to doctoral candidacy.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 1)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 1)

LING899 **Doctoral Dissertation Research**

LING899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH Mathematics Summer 2012

MATH111 **Introduction to Probability**

MATH111 Introduction to Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Math.
Prerequisite: Must have math eligibility of MATH111 or higher; or MATH110. Restriction: Not open to students majoring in mathematics, engineering or the physical sciences; and must not have completed STAT100; and Must not have completed any MATH or STAT course with a prerequisite of MATH141. Credit only granted for: MATH111 or STAT100. Logic, Boolean algebra, counting, probability, random variables, expectation, applications of the normal probability distribution.

0102	Adam Ross **Meets May 29, 2012 - July 8, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH B0423

0201	Lior Hilsenrath	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 9:30am - 10:50am	MTH 0102

MATH113 **College Algebra with Applications**

MATH113 College Algebra with Applications; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Math.
Prerequisite: Must have math eligibility of MATH113 or higher. Restriction: Must not have completed MATH220 or MATH140; and Must not have completed any course with a prerequisite of MATH140 or MATH220. Credit only granted for: Students who have credits for MATH113 may not also receive credits for MATH110, MATH112, or MATH115. Preparation for MATH220. Graphs and applications of elementary functions including: polynomial, rational, exponential and logarithmic functions. Systems of linear equations and linear inequalities used to solve representative problems in linear programming. Matrices and matrix operations including inverse. Sequences.

0101	Jonathan Huang	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 11:00am - 12:20pm	MTH B0425

MATH115 **Precalculus**

MATH115 Precalculus; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Math.
Prerequisite: Must have math eligibility of MATH115 or higher; or MATH113. Restriction: Must not have completed MATH140; and Must not have completed any MATH or STAT course with a prerequisite of MATH140. Credit only granted for: Students who have credits for MATH115 may not also receive credits for MATH112 or MATH113. Preparation for MATH220 or MATH140. Elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, trigonometric functions. Algebraic techniques preparatory for calculus.

0101	Arijit Sehanobish	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 11:00am - 12:20pm	MTH 0201

0201	Minghao Wu **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 20) MTH B0423

MATH140 **Calculus I**

MATH140 Calculus I; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning; Fundamental Studies - Math.
Prerequisite: Minimum grade of C- in MATH115. Or Must have completed 3 1/2 years of college preparatory mathematics (including trigonometry); and must have math eligibility of MATH140 or higher. Or permission of CMNS-Mathematics department. Credit only granted for: MATH130, MATH220, or MATH140. Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. The course is especially recommended for science, engineering and mathematics majors.

0101	Chunting Lu **Meets May 29, 2012 - July 20, 2012** MTuWThF 8:00am - 9:20am	Seats (Total: 27) MTH 0103
0102	Scott Schmieding **Meets May 29, 2012 - July 20, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 27) MTH 0103
0103	Srimathy Srinivasan **Meets May 29, 2012 - July 20, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 27) MTH 0103

MATH141 **Calculus II**

MATH141 Calculus II; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: Minimum grade of C- in MATH140. Or minimum grade of B- in MATH130; and permission of CMNS-Mathematics department. Credit only granted for: MATH131, MATH141, or MATH221. Continuation of MATH140, including techniques of integration, improper integrals, applications of integration (such as volumes, work, arc length, moments), inverse functions, exponential and logarithmic functions, sequences and series.

0101	Zi Ding **Meets May 29, 2012 - July 20, 2012** MTuWThF 8:00am - 9:20am	Seats (Total: 29) MTH 0106
0102	Xuan Liu **Meets May 29, 2012 - July 20, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 29) MTH 0106
0103	Rongrong Wang **Meets May 29, 2012 - July 20, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 31) MTH 0106

MATH206 **Introduction to Matlab**

MATH206 Introduction to Matlab; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141. Credit only granted for: CMSC206, CMSC298M, MATH206, or MATH299M. This course is intended to prepare students for subsequent courses requiring computation with MATLAB. Covers basics of MATLAB including simple commands, variables, solving equations, graphing differentiation and integration, matrices and vectors, functions, M-files and fundamentals of programming in the MATLAB environment. When offered in Winter and Summer terms, the course is offered in a format suitable for online distance learning.

WB21	Justin Wyss-Gallifent **Meets July 9, 2012 - August 19, 2012** Class time/details on ELMs	Seats (Total: 30) ONLINE

MATH213 **Elements of Geometry and Measurement**

MATH213 Elements of Geometry and Measurement; (3 credits) Grade Method: REG/AUD.
Prerequisite: MATH212. Restriction: Must be in one of the following programs (Early Childhood Education; Special Education; Elementary Education). Credit only granted for: MATH211 or MATH213. Properties of geometric objects in two and three dimensions; parallel lines, curves and polygons; ratio, proportion, similarity; transformational geometry and measurement, constructions, justifications and proofs.

0101	Karen McLaren **Meets May 29, 2012 - July 8, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 20) MTH 0105

MATH220 **Elementary Calculus I**

MATH220 Elementary Calculus I; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning; Fundamental Studies - Math.
Prerequisite: MATH112, MATH113, or MATH115. Or Must have completed 3 1/2 years of college preparatory mathematics (including trigonometry); and must have math eligibility of MATH220 or higher. Or permission of CMNS-Mathematics department. Restriction: Not open to students majoring in mathematics, engineering or the physical sciences. Credit only granted for: MATH130, MATH220, or MATH140. Basic ideas of differential and integral calculus, with emphasis on elementary techniques of differentiation and applications.

0101	Jeremy Bradford **Meets May 29, 2012 - July 8, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 28) MTH 0304
0201	Yue Tian **Meets July 9, 2012 - August 19, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 33) MTH 0304

MATH240 **Introduction to Linear Algebra**

MATH240 Introduction to Linear Algebra; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in MATH131; or MATH141. Credit only granted for: MATH240, MATH341, MATH400, or MATH461. Basic concepts of linear algebra: vector spaces, applications to line and plane geometry, linear equations and matrices, similar matrices, linear transformations, eigenvalues, determinants and quadratic forms.

0101	Wan-Yu Tsai	Seats (Total: 29)
	Meets May 29, 2012 - July 20, 2012	
	MTuWThF 11:00am - 12:20pm	MTH 0409

MATH241 **Calculus III**

MATH241 Calculus III; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141. Credit only granted for: MATH241 or MATH340. Introduction to multivariable calculus, including vectors and vector-valued functions, partial derivatives and applications of partial derivatives (such as tangent planes and Lagrange multipliers), multiple integrals, volume, surface area, and the classical theorems of Green, Stokes and Gauss.

0101	Ioannis Markou	Seats (Total: 33)
	Meets May 29, 2012 - July 20, 2012	
	MTuWThF 9:30am - 10:50am	MTH B0421

MATH246 **Differential Equations for Scientists and Engineers**

MATH246 Differential Equations for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; and (PHYS171, PHYS161, ENES102, or MATH240). Credit only granted for: MATH246 or MATH341. An introduction to the basic methods of solving ordinary differential equations. Equations of first and second order, linear differential equations, Laplace transforms, numerical methods and the qualitative theory of differential equations.

0101	Travis Andrews	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 10:50am	MTH 0201

0102	David Karpuk **Meets May 29, 2012 - July 8, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 30) MTH 0303
0201	Koushik Pal **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 27) MTH 0307
0202	Jinxin Xue **Meets July 9, 2012 - August 19, 2012** MTuWThF 11:00am - 12:20pm	Seats (Total: 27) MTH B0429

MATH310 **Introduction to Analysis**

MATH310 Introduction to Analysis; (3 credits) Grade Method: REG.
Prerequisite: MATH141. Corequisite: Concurrently enrolled in MATH241. Restriction: Must be in a major within CMNS-Mathematics department. Additional information: Math majors may not use this course to satisfy an upper-level requirement. To prepare students for MATH410 Advanced Calculus. To develop the students' ability to construct a rigorous proof of a mathematical claim. Students will also be made aware of mathematical results that are of interest to those wishing to analyze a particular mathematical model. Topics will be drawn from logic, set theory, structure of the number line, elementary topology, metric spaces, functions, sequences and continuity.

0201	Justin Wyss-Gallifent **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0302

MATH401 **Applications of Linear Algebra**

MATH401 Applications of Linear Algebra; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH461 or MATH240. Various applications of linear algebra: theory of finite games, linear programming, matrix methods as applied to finite Markov chains, random walk, incidence matrices, graphs and directed graphs, networks and transportation problems.

0101	Elizabeth Wilson	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 10:50am	MTH 0307

MATH406 **Introduction to Number Theory**

MATH406 Introduction to Number Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; or permission of CMNS-Mathematics department. Integers, divisibility, prime numbers, unique factorization, congruences, quadratic reciprocity, Diophantine equations and arithmetic functions.

0201	Joel Cohen	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 11:00am - 12:20pm	MTH 0303

MATH410 **Advanced Calculus I**

MATH410 *(PermReq)* **Advanced Calculus I; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in MATH240 and MATH241; and permission of CMNS-Mathematics department. First semester of a year course. Subjects covered during the year are: sequences and series of numbers, continuity and differentiability of real valued functions of one variable, the Riemann integral, sequences of functions and power series. Functions of several variables including partial derivatives, multiple integrals, line and surface integrals. The implicit function theorem.

0101	Elizabeth Wilson	Seats (Total: 27)
	Meets May 29, 2012 - July 20, 2012	
	MTuThF 11:00am - 12:20pm	MTH B0421

MATH461 **Linear Algebra for Scientists and Engineers**

MATH461 Linear Algebra for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; and Must have completed any MATH or STAT course with a prerequisite of MATH141. Credit only granted for: MATH240, MATH341, MATH400, or MATH461. Additional information: This course may not be used towards the upper level math requirements for MATH/STAT majors. Basic concepts of linear algebra. This course is similar to MATH 240, but with more extensive coverage of the topics needed in applied linear algebra: change of basis, complex eigenvalues, diagonalization, the Jordan canonical form.

0101	Patrick Fitzpatrick **Meets May 29, 2012 - July 8, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 28) MTH 0101
0201	Niranjan Ramachandran **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 27) MTH 0105

MATH462 **Partial Differential Equations for Scientists and Engineers**

MATH462 Partial Differential Equations for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH246 and MATH241. Linear spaces and operators, orthogonality, Sturm-Liouville problems and eigenfunction expansions for ordinary differential equations. Introduction to partial differential equations, including the heat equation, wave equation and Laplace's equation. Boundary value problems, initial value problems and initial-boundary value problems.

0201	Manoussos Grillakis **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 20) MTH 0201

MATH463 **Complex Variables for Scientists and Engineers**

MATH463 Complex Variables for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241; or students who have taken courses with similar or comparable course content may contact the department. The algebra of complex numbers, analytic functions, mapping properties of the elementary functions. Cauchy integral formula. Theory of residues and application to evaluation of integrals. Conformal mapping.

0201	Manoussos Grillakis	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 11:00am - 12:20pm	MTH 0104

MATH478A **Selected Topics For Teachers of Mathematics**

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH484 **Geometry for High School Teachers**

MATH484 Geometry for High School Teachers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Senior standing. Credit only granted for: MATH482, MATH484, or MATH498E. Formerly: MATH498E. Focuses on concepts related to geometry, including several geometry axiom schemes, transformations, and similarity. Includes constructions with Geometer's Sketchpad.

0101	Frances Gulick	Seats (Total: 30)
	Meets June 26, 2012 - July 26, 2012	
	TuTh 9:00am - 1:30pm	MTH 1313

MATH486 **Calculus for High School Teachers**

MATH486 Calculus for High School Teachers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; and Cannot be used toward the upper level math requirements for MATH/STAT majors. Focuses on concepts related to one-variable calculus including limits, continuity, derivative, integrals, series, and applications of these topics.

0101	Denny Gulick	Seats (Total: 20)	
	Meets June 25, 2012 - July 27, 2012		
	MW 9:00am - 1:30pm	MTH 1313	

MATH498A **Selected Topics in Mathematics**

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH498G **Selected Topics in Mathematics; Learning Math Through Games**

MATH498G *(PermReq)* **Selected Topics in Mathematics: Learning Math Through Games; (3 credits)** Grade Method: REG/P-F.
This course is the academic part of the Mathematics Summer Program in Research and Learning (Math SPIRAL). It is only available to students nominated by affiliated institutions, and approved by the SPIRAL staff.

0101	Kenneth Berg	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 8:45am - 10:45am	MTH 1311	
	MTuWThF 10:45am - 12:00pm	MTH 1311	Discussion

MATH608A **Selected Topics in Algebra**

MATH608A *(PermReq)* **Selected Topics in Algebra; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH648A **Selected Topics in Analysis**

MATH648A *(PermReq)* **Selected Topics in Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH668A **Selected Topics in Complex Analysis**

MATH668A *(PermReq)* **Selected Topics in Complex Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH689 **Research Interactions in Mathematics**

MATH689 *(PermReq)* **Research Interactions in Mathematics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH718A **Selected Topics in Mathematical Logic**

MATH718A *(PermReq)* **Selected Topics in Mathematical Logic; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH748A **Selected Topics in Geometry and Topology**

MATH748A *(PermReq)* **Selected Topics in Geometry and Topology; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH799 **Master's Thesis Research**

MATH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH898 **Pre-Candidacy Research**

MATH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH899 **Doctoral Dissertation Research**

MATH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH Maryland Institute for Applied Environmental Health — Summer 2012

MIEH321 **Syphilis to SARS: Climate Change, Development and Emergence of Infectious Diseases**

MIEH321 Syphilis to SARS: Climate Change, Development and Emergence of Infectious Diseases; (3 credits) Grade Method: REG/P-F/AUD.
This course will examine the influences of environmental factors, economic development, migration, and land use change on emergence and reemergence of infectious diseases. Population growth, development, climate change are impacting natural reservoirs of infectious diseases and how they transmit through human populations. The course will look at both historical accounts and newly emerging and reemerging diseases including influenza as examples of our role in altering the diseases that threaten us.

WB21	Michael Grantham	Seats (Total: 100)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

MIEH600 **Foundations of Environmental Health**

MIEH600 Foundations of Environmental Health; (3 credits) Grade Method: REG/AUD.
Credit only granted for: HLTH761 or MIEH600. Formerly: HLTH761. Overview of the chemical, physical and biological hazards present in our living and working environment and their effects on human health. Topics include: exposure assessment, industrial hygiene and safety, pesticides, community and indoor pollution, food-borne diseases, solid and hazardous wastes, water resources, risk assessement, ecological issues and environmental laws.

0201	Amir Sapkota	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	MW 4:30pm - 8:15pm	SPH 0303

MIEH785 **Internship in Public Health**

MIEH785 Internship in Public Health; (3 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.
Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

Contact department for information to register for this course.

MIEH786 **Captsone Project in Public Health**

MIEH786 Captsone Project in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.
Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

0101	Paul Turner	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0102	Amir Sapkota	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

0103	Amy Sapkota **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0105	Robin Puett **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0106	Sacoby Wilson **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0201	Paul Turner **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0202	Amir Sapkota **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0203	Amy Sapkota **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0204	Donald Milton **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0205	Robin Puett **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0206	Sacoby Wilson **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

MIEH788 **Critical Readings in Environmental Health**

MIEH788 *(PermReq)* **Critical Readings in Environmental Health; (1-3 credits)**
Grade Method: REG/AUD.

0101	Paul Turner **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0102	Amir Sapkota **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0103	Amy Sapkota **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0105	Robin Puett **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0106	Sacoby Wilson **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0201	Paul Turner **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0202	Amir Sapkota **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0203	Amy Sapkota **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0204	Donald Milton **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

0205	Robin Puett	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	
0206	Sacoby Wilson	Seats (Total: 5)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

MIEH789 **Independent Study**

MIEH789 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH799 **Master's Thesis Research**

MIEH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUET Ethnomusicology Summer 2012

MUET210 **The Impact of Music on Life**

MUET210 The Impact of Music on Life; (3 credits) Grade Method: REG. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. Music as a part of culture. Materials drawn from traditions throughout the globe to illustrate issues of historical and contemporary significance, including the impact of race, class and gender on the study of music. Click here for more course information.

0501	May Chiang	Seats (Total: 25)
	Meets June 18, 2012 - July 6, 2012	
	MTuWThF 12:00pm - 2:45pm	PAC 2168
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

MUET269B **Special Topics in Study Abroad II; African Music and Dance**
Contact department for information to register for this course.

MUET269W **Special Topics in Study Abroad II; West African Influence on Popular Music Forms**
Contact department for information to register for this course.

MUSC School of Music Summer 2012

MUSC102B **Class Piano**

MUSC102B Class Piano; (2 credits) Grade Method: REG/P-F/AUD. Functional piano training for beginners. Development of techniques for school and community playing. Basic piano techniques; chord, arpeggio and scale techniques; melody and song playing; simple accompaniments, improvisation for accompaniments and rhythms; sight reading and transposition and playing by ear. Limited to non-music majors.

0101	Michael Angelucci	Seats (Total: 14)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWTh 12:00pm - 1:20pm	PAC 1123	

MUSC140 **Music Fundamentals I**

MUSC140 Music Fundamentals I; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Scholarship in Practice.
Restriction: Must not be in any of the following programs (Music (Professional Program); Music Education). Introductory theory course. Notation, scales, intervals, triads, rhythm, form and basic aural skills.

0101	Alexandra Bryant	Seats (Total: 15)	
	Meets May 29, 2012 - July 8, 2012		
	MTuW 11:00am - 12:40pm	PAC 2160	
	Th 11:00am - 12:40pm	PAC 1108	Lab
0201	Jonathan Graybill	Seats (Total: 15)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWTh 11:00am - 12:40pm	PAC 3164	

MUSC205 **History of Popular Music, 1950-Present**

MUSC205 History of Popular Music, 1950-Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
A historical survey of rock music (blues, rock, soul, metal, rap, etc.) from circa 1950 to the present, with emphasis on popular music as music and popular music as social history.

0301	Eric Hermann	Seats (Total: 30)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 10:00am - 12:45pm	PAC 3160

MUSC269A **Special Topics in Study Abroad II; Enhancing Spanish Language and Cultural Knowledge Through Music**
Contact department for information to register for this course.

MUSC269I **Special Topics in Study Abroad II; History of Italian Music**
Contact department for information to register for this course.

MUSC388 **Music Internship**

MUSC388 *(PermReq)* **Music Internship; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC389 **Music Internship Analysis; Music Internship Analysis**

MUSC389 *(PermReq)* **Music Internship Analysis: Music Internship Analysis; (1 credit)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC448 **Selected Topics in Music**

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC463 **Applications in Music Technology**

MUSC463 Applications in Music Technology; (3 credits) Grade Method: REG/P-F/AUD.

A hands-on study of computer hardware and software that makes use of the MIDI (Musical Instrument Digital Interface) specification. This protocol allows computers, synthesizers and various other devices to send and receive information about musical performance, notation and sound. The course focuses on two of the most frequently used applications on MIDI -- sequencing and music notation. Also included is an introduction to digital audio. No previous experience with computers is required. Ability to read music on a grand staff (treble and bass clef) is recommended.

0501	Mark Nowakowski	Seats (Total: 15)
	Meets June 18, 2012 - July 6, 2012	
	MTuWThF 1:00pm - 4:00pm	PAC 1108
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

MUSC499 **Independent Studies**

MUSC499 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC699 **Selected Topics in Music**

MUSC699 Selected Topics in Music; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC799 **Master's Thesis Research**

MUSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC898 **Pre-Candidacy Research**

MUSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC899 **Doctoral Dissertation Research**

MUSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC Nutrition and Food Science Summer 2012

NFSC100 **Elements of Nutrition**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences. Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.

0101	Margaret Udahogora	Seats (Total: 35)	
	Meets May 29, 2012 - July 8, 2012		
	MWF 9:30am - 10:50am	WDS 1114	
	TuTh 9:30am - 10:50am	WDS 1114	Discussion

NFSC399 **Special Problems in Food Science**

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC490 **Special Problems in Nutrition**

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: NFSC440; and permission of AGNR-Nutrition and Food Science department.* Individually selected problems in the area of human nutrition.

Contact department for information to register for this course.

NFSC498C **Selected Topics; Food Biotechnology**

Contact department for information to register for this course.

NFSC678 **Selected Topics in Nutrition**

NFSC678 Selected Topics in Nutrition; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC699 **Problems in Nutrition and Food Science**

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC799 **Master's Thesis Research**

NFSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC898 **Pre-Candidacy Research**

NFSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Robert Jackson	Seats (Total: 5)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

0103	Qin Wang **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0115	Liangli Yu **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0116	Robert Buchanan **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 10)
0201	Robert Jackson **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0203	Qin Wang **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
0215	Liangli Yu **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)
0216	Robert Buchanan **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 10)

NFSC899 **Doctoral Dissertation Research**

NFSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PERS Persian Summer 2012

PERS101 **Elementary Persian I**

PERS101 Elementary Persian I; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be native/fluent speaker of Persian. Introduction to the alphabet, pronunciation patterns, greetings, basic structures, and other fundamentals, with emphasis on oral and aural skills.

XL11	Bahareh Jalehmahmoudi	Seats (Total: 0)
	Meets June 2, 2012 - June 29, 2012	
	MTuWThF 9:00am - 12:00pm	SQH 1123

PERS102 **Elementary Persian II**

PERS102 Elementary Persian II; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PERS101; or Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be native/fluent speaker of Persian. Continuation of PERS101 with emphasis on the use of formal language, vocabulary building, and reading.

XL21	Bahareh Jalehmahmoudi	Seats (Total: 0)
	Meets July 3, 2012 - August 3, 2012	
	MTuWThF 9:00am - 12:00pm	SQH 1123

PERS201 **Intermediate Persian I**

PERS201 Intermediate Persian I; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: PERS102; or Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be native/fluent speaker of Persian. Development of speaking, reading, writing, listening and cultural knowledge through wide variety of activities.

XL11	Elahe Amiri	Seats (Total: 0)
	Meets June 2, 2012 - June 29, 2012	
	MTuWThF 9:00am - 12:00pm	SQH 2114

PERS202 **Intermediate Persian II**

PERS202 Intermediate Persian II; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: PERS201; or Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be native/fluent speaker of Persian. Further development of speaking, writing, listening and cultural knowledge, with special focus on culture.

XL21	Elahe Amiri	Seats (Total: 0)
	Meets July 3, 2012 - August 3, 2012	
	MTuWThF 9:00am - 12:00pm	SQH 1101

PERS299A **Directed Study in Persian Language**

PERS299A Directed Study in Persian Language; (1-3 credits) Grade Method: REG/P-F/AUD.

XL11	Bahareh Jalehmahmoudi	Seats (Total: 0)
	Meets June 2, 2012 - August 3, 2012	
	MTuWThF 1:00pm - 4:30pm	SQH 1111

PERS299B **Directed Study in Persian Language**

PERS299B Directed Study in Persian Language; (1-3 credits) Grade Method: REG/P-F/AUD.

XL11	Elahe Amiri	Seats (Total: 0)
	Meets May 29, 2012 - August 19, 2012	
	MTuWThF 1:00pm - 4:30pm	SQH 2114

PERS301 **Advanced Persian I**

PERS301 Advanced Persian I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PERS202; or permission of ARHU-School of Languages, Literatures, and Cultures department. Restriction: Must not be native/fluent speaker of Persian. Development of speaking, reading, writing, listening and cultural knowledge through wide variety of activities, especially reading.

XL11	Delaram Soltani **Meets June 2, 2012 - June 29, 2012** MTuWThF 9:00am - 12:00pm	Seats (Total: 0) SQH 1111

PERS302 **Advanced Persian II**

PERS302 Advanced Persian II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PERS301; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must not be native/fluent speaker of Persian.* Further development of speaking, reading, writing, listening and cultural knowledge, with special focus on reading, in a variety of literary genres.

XL21	Delaram Soltani **Meets July 2, 2012 - August 3, 2012** MTuWThF 9:00am - 12:00pm	Seats (Total: 0) SQH 1111

PERS399 **Directed Study in Persian**

PERS399 Directed Study in Persian; (1-3 credits) Grade Method: REG/P-F/AUD.

0201	Ahmad Karimi-Hakkak **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)
PC01	Nahal Akbari-Saneh **Meets May 29, 2012 - August 19, 2012** Th 10:00am - 1:00pm	Seats (Total: 3) SQH 1103
XL11	Delaram Soltani **Meets June 2, 2012 - August 3, 2012** MTuWThF 1:00pm - 4:30pm	Seats (Total: 0) JMZ 0208

PERS399A **Directed Study in Persian**

PERS399A Directed Study in Persian; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Ali Abasi	Seats (Total: 1)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

PERS399B **Directed Study in Persian**

PERS399B Directed Study in Persian; (1-3 credits) Grade Method: REG/P-F/AUD.

0101	Ali Abasi	Seats (Total: 1)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

PERS601 **Modern Persian Literature**

PERS601 Modern Persian Literature; (3 credits) Grade Method: REG. *Prerequisite: Permission of ARHU-School of Languages, Literatures, and Cultures department.* Selected readings in Persian poetry, fiction and drama covering topics related to contemporary Iranian society and culture. In Persian.

PC01	Hadi Golkar	Seats (Total: 15)
	Meets May 29, 2012 - July 27, 2012	
	MW 10:00am - 1:00pm	SQH 1103
	This section is restricted to MPPE students only.	

PERS662 **Persian Sociolinguistics**

PERS662 Persian Sociolinguistics; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of ARHU-School of Languages, Literatures, and Cultures department.* Study of impact of social and regional factors on spoken and written usage. In Persian.

PC01	Mahsa Moussavi	Seats (Total: 15)
	Meets May 29, 2012 - July 27, 2012	
	TuF 10:00am - 1:00pm	SQH 2123

PERS689B **Special Topics in Persian Studies; Independent Study**

PERS689B Special Topics in Persian Studies: Independent Study; (3 credits)
Grade Method: REG/AUD.
Meetings will occur in room JMZ 1220B.

PC01	Ahmad Karimi-Hakkak	Seats (Total: 10)
	Meets May 29, 2012 - August 19, 2012	
	Contact instructor or department for details.	

PHIL Philosophy Summer 2012

PHIL100 **Introduction to Philosophy**

Click here for detailed course descriptions.
PHIL100 Introduction to Philosophy; (3 credits) Grade Method: REG/P-F/AUD.
CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.
An introduction to the literature, problems, and methods of philosophy either through a study of some of the main figures in philosophic thought or through an examination of some of the central and recurring problems of philosophy. This is an online course, which will be taught using Blackboard. There will be no classroom meetings. Students who wish to register for this section after June 6, 2011, please e-mail summer@umd.edu.

WB11	Vincent Picciuto	Seats (Total: 35)
	Meets June 9, 2012 - June 27, 2012	
	Class time/details on ELMs	ONLINE

PHIL140 **Contemporary Moral Issues**

PHIL140 Contemporary Moral Issues; (3 credits) Grade Method: REG/P-F/AUD.
CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.
The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice.

WB31	Andrew Knoll	Seats (Total: 35)
	Meets May 29, 2012 - June 15, 2012	
	Class time/details on ELMs	ONLINE
	A podcast will be published each session that you can upload to your iPod. For a short, 10 minute introductory podcast go here: Click here	

YS41	Xuan Wang	Seats (Total: 20)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 10:00am - 1:00pm	TLF 1103
	This section is part of The Young Scholars Program. Enrollment by permission only.	

PHIL170 **Introduction to Logic**

PHIL170 Introduction to Logic; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning.
Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns.

WB51	David McElhoes	Seats (Total: 35)
	Meets June 18, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

PHIL308C **Studies in Contemporary Philosophy; Philosophy and the City**

PHIL308C Studies in Contemporary Philosophy: Philosophy and the City; (3 credits) Grade Method: REG/P-F/AUD.
Examines the philosophical problems that face residents, designers and leaders of modern cities, including the conflict between democratic and technocratic policy formation, the proper method of city design (including aesthetic considerations), and issues of justice arising out of public and subsidized housing. The course will draw on economics, sociology, and urban planning theory.

WB11	Michael Zenz	Seats (Total: 35)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE

PHIL308E **Studies in Contemporary Philosophy; The Ethics of Eating**

PHIL308E Studies in Contemporary Philosophy: The Ethics of Eating; (3 credits) Grade Method: REG/P-F/AUD.
What and how we eat raises a host of ethical questions: is eating meat morally permissible? Should purchase of junk food be regulated in food stamp and WIC programs? What should we do about the trade-off between organic vs. genetically modified crops in light of the growing global population and increasing risk of a wide-spread hunger crisis? This course will bring ethical thery to bear on these and other issues.

WB21	Melissa Ebbers	Seats (Total: 35)
	Meets July 9, 2012 - August 17, 2012	
	Class time/details on ELMs	ONLINE

PHIL308L **Studies in Contemporary Philosophy; Love and Sex**

PHIL308L Studies in Contemporary Philosophy: Love and Sex; (3 credits) Grade Method: REG/P-F/AUD.
LOVE AND SEX A philosophical study of the nature of love, the nature of sex, and the relationships between them. We will examine conceptual, ethical, psychological and social dimensions of of love and sexuality through classical and contemporary readings. Emailjoel_gibson@hotmail.com with questions.

WB11	Joel Gibson	Seats (Total: 35)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE

PHIL308M **Studies in Contemporary Philosophy; Mind and Body**

PHIL308M Studies in Contemporary Philosophy: Mind and Body; (3 credits) Grade Method: REG/P-F/AUD.
Minds exist, but in what sense? Are minds physically located inside our heads? Is the mind/body relationship like the software/hardware distinction? Or are they something ethereal, merely hitchhiking a ride through the physical world? In this course we will survey some groundbreaking philosophical answers to these questions.

WB21	David McElhoes	Seats (Total: 35)
	Meets July 9, 2012 - August 17, 2012	
	Class time/details on ELMs	ONLINE

PHIL308R **Studies in Contemporary Philosophy; Philosophy and BS**

PHIL308R Studies in Contemporary Philosophy: Philosophy and BS; (3 credits) Grade Method: REG/P-F/AUD.
An examination of what BS is and how it relates to truth and lying. We will explore the role of BS in academia, advertising, political discourse, and interpersonal relationships, and discuss the practical and moral implications of a society that tolerates a high proportion of BS.

WB11	Mark Engelbert	Seats (Total: 35)
	Meets May 29, 2012 - July 6, 2012	
	Class time/details on ELMs	ONLINE

PHIL308T **Studies in Contemporary Philosophy; Free Will and the Meaning of Life**

PHIL308T Studies in Contemporary Philosophy: Free Will and the Meaning of Life; (3 credits) Grade Method: REG/P-F/AUD.
This course will explore the debate about free will both within analytical philosophy and in the existential tradition. We will also consider what light science, especially quantum theory and neurophysiology, might shed on the problem.

WB11	Dimiter Kirilov	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

PHIL308X **Studies in Contemporary Philosophy; Phiosophy and Time Travel**

PHIL308X Studies in Contemporary Philosophy: Phiosophy and Time Travel; (3 credits) Grade Method: REG/P-F/AUD.
Time travel is a staple of science fiction, yet many people think it's too paradoxical to be possible. This course will draw on philosophy and science fiction to examine the paradoxes and puzzles of time travel, and try to answer the question of how time travel could be physically or metaphysically possible.

WB21	Lucas Dunlap	Seats (Total: 35)
	Meets July 9, 2012 - August 17, 2012	
	Class time/details on ELMs	ONLINE

PHIL498 **Topical Investigations**

PHIL498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

PHIL688 **Selected Problems in Philosophy**

PHIL688 *(PermReq)* **Selected Problems in Philosophy; (1-3 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

PHIL788 **Research in Philosophy**

PHIL788 *(PermReq)* **Research in Philosophy; (1-6 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 29, 2012 - July 8, 2012** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 5)

PHIL799 **Master's Thesis Research**

PHIL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements.

Contact department for information to register for this course.

PHIL899 **Doctoral Dissertation Research**

PHIL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

PHYS Physics Summer 2012

PHYS121 **Fundamentals of Physics I**

PHYS121 Fundamentals of Physics I; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: MATH112 or MATH115. Credit only granted for: PHYS121 or PHYS131. The first part of a two-semester course in general physics treating the fields of mechanics, heat, sound, electricity, magnetism, optics, and modern physics. Together with PHYS122, this generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0101	Kathleen Restorff	Seats (Total: 26)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 9:30am - 10:50am	PHY 1410	
	TuTh 12:00pm - 2:00pm	PHY 3306	Lab
	MW 11:00am - 11:50am	MTH 0306	Discussion
0102	Kathleen Restorff	Seats (Total: 26)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 9:30am - 10:50am	PHY 1410	
	TuTh 2:00pm - 4:00pm	PHY 3306	Lab
	TuTh 1:00pm - 1:50pm	PHY 0405	Discussion

0181	Gary Pennington	Seats (Total: 26)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3306	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS122 **Fundamentals of Physics II**

PHYS122 Fundamentals of Physics II; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: PHYS121; or students who have taken courses with similar or comparable course content may contact the department. A continuation of PHYS121, which together with it, generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0201	Michael Rapport	Seats (Total: 24)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	TuTh 12:00pm - 2:00pm	PHY 3312	Lab
	MW 11:00am - 11:50am	PHY 1402	Discussion
0202	Michael Rapport	Seats (Total: 24)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	TuTh 2:00pm - 4:00pm	PHY 3312	Lab
	TuTh 1:00pm - 1:50pm	PHY 1219	Discussion
0281	Hailu Gebremariam	Seats (Total: 24)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3312	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion
0282	Hailu Gebremariam	Seats (Total: 24)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	MW 7:00pm - 9:00pm	PHY 3312	Lab
	TuTh 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS141 **Principles of Physics**

PHYS141 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab.
Corequisite: Concurrently enrolled in MATH141; or concurrently enrolled in MATH221. The first of a two-semester series in general physics. The first semester covers the fields of mechanics, thermodynamics, and special relativity. This survey course will use calculus and is recommended for chemistry and zoology majors. It also satisfies the requirements of medical and dental schools.

0181	Darayash Tata	Seats (Total: 26)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 5:30pm - 6:50pm	PHY 1204	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1204	Discussion

PHYS142 **Principles of Physics**

PHYS142 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: PHYS141; or students who have taken courses with similar or comparable course content may contact the department. Credit only granted for: PHYS142, (PHYS260 and PHYS261), or PHYS272. A continuation of PHYS141 covering waves, electricity and magnetism, optics and modern physics.

0281	Gary Pennington	Seats (Total: 27)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 5:30pm - 6:50pm	PHY 1402	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1402	Discussion

PHYS161 **General Physics: Mechanics and Particle Dynamics**

PHYS161 General Physics: Mechanics and Particle Dynamics; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Natural Sciences.
Prerequisite: Completed or be concurrently enrolled in MATH141. First semester of a three-semester calculus-based general physics course. Laws of motion, force, and energy; principles of mechanics, collisions, linear momentum, rotation, and gravitation.

0101	Darayash Tata	Seats (Total: 32)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 9:30am - 10:50am	PHY 1204	
	TuTh 11:00am - 11:50am	PHY 1204	Discussion

PHYS260 **General Physics: Vibration, Waves, Heat, Electricity and Magnetism**

PHYS260 General Physics: Vibration, Waves, Heat, Electricity and Magnetism; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with PHYS261).
Prerequisite: PHYS161 and MATH141. Corequisite: Concurrently enrolled in PHYS261. Credit only granted for: PHYS142, (PHYS260 and PHYS261), or PHYS272. Second semester of a three-semester calculus-based general physics course. Vibrations, waves, fluids; heat, kinetic theory, and thermodynamics; electrostatics, circuits, and magnetism. PHYS260 and PHYS261 must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	David Buehrle	Seats (Total: 28)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 9:30am - 10:50am	PHY 1219	
	MW 11:00am - 12:00pm	PHY 1219	Discussion

PHYS261 **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
Corequisite: Concurrently enrolled in PHYS260. Lab includes experiments on mechanics, vibrations, waves, heat, electricity and magnetism. PHYS260 and PHYS261 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	David Buehrle	Seats (Total: 28)	
	Meets July 9, 2012 - August 19, 2012		
	TuTh 1:00pm - 4:00pm	PHY 3219	Lab

PHYS261M **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261M *(PermReq)* **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab.
Corequisite: Concurrently enrolled in PHYS260. Lab includes experiments on mechanics, vibrations, waves, heat, electricity and magnetism. PHYS260 and PHYS261 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	David Buehrle	Seats (Total: 10)	
	Meets July 9, 2012 - August 19, 2012		
	Contact instructor or department for details.		
	Restricted to students transferring a lab grade from a previous semester.		

PHYS270 **General Physics: Electrodynamics, Light, Relativity and Modern Physics**

PHYS270 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with PHYS271).
Prerequisite: PHYS261, MATH241, and PHYS260. Corequisite: Concurrently enrolled in PHYS271. Credit only granted for: (PHYS270 and PHYS271) or PHYS273. Third semester of a three-semester calculus-based general physics course. Electrodynamics, Maxwell's equations and electromagnetic waves, geometrical optics, interference, diffraction, special theory of relativity, and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	David Buehrle	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	MW 11:00am - 12:00pm	PHY 1402	Discussion

PHYS271 **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271 General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: PHYS261. Corequisite: Concurrently enrolled in PHYS270. Lab includes experiments on ac circuits, magnetism, light and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	David Buehrle	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MW 1:00pm - 4:00pm	PHY 3220	Lab

PHYS271M **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271M General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: PHYS261. Corequisite: Concurrently enrolled in PHYS270. Lab includes experiments on ac circuits, magnetism, light and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	David Buehrle	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

PHYS299 **Special Problems in Physics**

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS399 **Special Problems in Physics**

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS499	**Special Problems in Physics** **PHYS499** *(PermReq)* **Special Problems in Physics; (1-16 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. **Contact department for information to register for this course.**
PHYS798	**Special Problems in Advanced Physics** **PHYS798** *(PermReq)* **Special Problems in Advanced Physics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements. **Contact department for information to register for this course.**
PHYS798I	**Special Problems in Advanced Physics; RF Superconductivity: Physics, Technology and Applications** **Contact department for information to register for this course.**
PHYS798J	**Special Problems in Advanced Physics; Beam Dynamics Experiments on University of Maryland Electron Ring** **Contact department for information to register for this course.**
PHYS798K	**Special Problems in Advanced Physics; Beam Physics with Intense Space Charge** **Contact department for information to register for this course.**
PHYS798M	**Special Problems in Advanced Physics; Medical Applications of Accelerators** **Contact department for information to register for this course.**
PHYS798O	**Special Problems in Advanced Physics; Laser Plasma Accelerators** **Contact department for information to register for this course.**
PHYS798Q	**Special Problems in Advanced Physics; Vacuum Electron Devices** **Contact department for information to register for this course.**
PHYS798R	**Special Problems in Advanced Physics; Beam-Based Diagnostics** **Contact department for information to register for this course.**

PHYS798T **Special Problems in Advanced Physics; Radiation Detection and Imaging for Medicine and Homeland Security**

Contact department for information to register for this course.

PHYS798V **Special Problems in Advanced Physics; Laser Application to Accelerators**

Contact department for information to register for this course.

PHYS798W **Special Problems in Advanced Physics; Microwave Sources**

Contact department for information to register for this course.

PHYS798X **Special Problems in Advanced Physics; Control Room Accelerator Physics**

Contact department for information to register for this course.

PHYS799 **Master's Thesis Research**

PHYS799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS898 **Pre-Candidacy Research**

PHYS898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS899 **Doctoral Dissertation Research**

PHYS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC Plant Sciences Summer 2012

PLSC100 **Introduction to Horticulture**

PLSC100 Introduction to Horticulture; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
An overview to the art and science of horticulture. Relationships between plant science and plant production, the use of horticultural plants and plant stress as influenced by cultural practices. Students must pay a $50.00 lab materials fee. Click here for more course information.

0112	Carol Allen	Seats (Total: 24)	
	Meets May 29, 2012 - July 8, 2012		
	MTuWThF 9:30am - 10:50am	PLS 1119	
	MW 12:30pm - 3:20pm	PLS 1153	Lab

PLSC389 **Internship**

PLSC389 *(PermReq)* **Internship; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC399 **Special Problems in Plant Science**

PLSC399 Special Problems in Plant Science; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC608 **Research Methods**
Contact department for information to register for this course.

PLSC799 **Master's Thesis Research**

PLSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC898 **Pre-Candidacy Research**

PLSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC899 **Doctoral Dissertation Research**

PLSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PORT Portuguese Summer 2012

PORT386 **Experiential Learning**

PORT386 *(PermReq)* **Experiential Learning; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of ARHU-School of Languages, Literatures, and Cultures department; and Junior standing or higher.

Contact department for information to register for this course.

PORT405 **Portuguese for Spanish Speakers**

PORT405 Portuguese for Spanish Speakers; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Must have native or acquired fluency in Spanish. Intensive basic grammar, reading and auditory comprehension. Native or acquired fluency in Spanish required.

0101	Talia Guzman-Gonzalez	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:20pm	PLS 1111

PSYC Psychology Summer 2012

PSYC100 **Introduction to Psychology**

PSYC100 Introduction to Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Natural Sciences.
A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.

0101	Ryan Curtis **Meets May 29, 2012 - July 8, 2012** MTuWTh 9:00am - 10:55am	Seats (Total: 40) PLS 1130
FF61	Scott Roberts **Meets July 30, 2012 - August 17, 2012** MTuWThF 1:00pm - 3:40pm	Seats (Total: 36) PHY 1204

PSYC200 **Statistical Methods in Psychology**

PSYC200 Statistical Methods in Psychology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Prerequisite: PSYC100; and 1 course with a minimum grade of C- from (MATH220, STAT100, MATH111, MATH130, MATH140). Credit only granted for: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. A basic introduction to quantitative methods used in psychological research.

0101	Barry Smith **Meets May 29, 2012 - July 8, 2012** MW 9:00am - 12:25pm	Seats (Total: 40) BPS 1142

PSYC206 **Developmental Biopsychology**

PSYC206 Developmental Biopsychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Biological basis of behavioral development in relation to genetic, constitutional, anatomical, physiological, and environmental factors. Emphasis upon both phylogenetic and ontogenetic research findings in biological psychology.

0401	Steven Brauth **Meets July 9, 2012 - July 27, 2012** MTuWThF 9:30am - 12:10pm	Seats (Total: 25) BPS 1228

PSYC221 **Social Psychology**

PSYC221 Social Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Scholarship in Practice.
Prerequisite: PSYC100. The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, person perception, interpersonal attraction, and group behavior. Click here for sample course syllabus.

0101	Dylan Selterman	Seats (Total: 45)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 9:30am - 12:50pm	BPS 1236	
YS41	Julia O'Brien	Seats (Total: 34)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:30am - 12:10pm	PLS 1117	
	This section is part of the Young Scholars Program. Enrollment by permission only.		

PSYC300 **Research Methods in Psychology Laboratory**

PSYC300 Research Methods in Psychology Laboratory; (4 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: PSYC200. Restriction: Must be in Psychology program. Credit only granted for: PSYC300 or PSYC309R. Formerly: PSYC309R. A general introduction and overview to the fundamental theoretical, conceptual, and practical issues in psychological research in both the laboratory and the field.

0101	Anna Sheveland	Seats (Total: 31)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 1:00pm - 4:20pm	BPS 1142	
	W 1:00pm - 4:20pm	BPS 0283	Lab

PSYC332 **Psychology of Human Sexuality**
Contact department for information to register for this course.

PSYC334 **Psychology of Interpersonal Relationships**

PSYC334 Psychology of Interpersonal Relationships; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict resolution), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).

0201	Ryan Curtis	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	MW 9:30am - 12:50pm	BPS 1238

PSYC338G **Special Topics in Study Abroad III; The Social Brain: Neuropsychology of Social Behaviors**
Contact department for information to register for this course.

PSYC338P **Special Topics in Study Abroad III; Positive Psychology**
Contact department for information to register for this course.

PSYC389 **Experiential Learning**

PSYC389 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F/AUD.

0101	Steven Young	Seats (Total: 5)
	Meets May 29, 2012 - August 19, 2012	
	Contact instructor or department for details.	

PSYC420 **Experimental Psychology: Social Psychology Laboratory**

PSYC420 Experimental Psychology: Social Psychology Laboratory; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC300 and PSYC221. Restriction: Must be in Psychology program; and must have earned a minimum of 85 credits. A laboratory course to provide a basic understanding of experimental method in social psychology and experience in conducting research on social processes. Click here for sample course syllabus.

0201	Steven Buzinski	Seats (Total: 25)	
	Meets July 9, 2012 - August 19, 2012		
	MW 5:00pm - 8:20pm	BPS 1142	
	Tu 5:00pm - 8:20pm	BPS 1142	Lab

PSYC424 **Communication and Persuasion**

PSYC424 Communication and Persuasion; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: PSYC221 and PSYC200. Effect of social communication upon behavior and attitudes. Theory and research concerning attitude change and social influence.

0101	Scott Roberts	Seats (Total: 25)	
	Meets May 29, 2012 - July 8, 2012		
	MW 9:00am - 12:45pm	BPS 1236	

PSYC432 **Counseling Psychology: Theories, Research, and Practice**

PSYC432 Counseling Psychology: Theories, Research, and Practice; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC200. Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

0301	Jingqing Liu	Seats (Total: 30)	
	Meets May 29, 2012 - June 15, 2012		
	MTuWTh 5:00pm - 8:20pm	BPS 0283	

PSYC433 **Basic Helping Skills: Research and Practice**

PSYC433 Basic Helping Skills: Research and Practice; (4 credits) Grade Method: REG.
Prerequisite: PSYC300; and (PSYC434, PSYC334, PSYC353, PSYC435, PSYC436, or PSYC432). Restriction: Must be in Psychology program; and must have earned a minimum of 85 credits. Theories and research regarding effective helping skills. Students will practice helping skills with each other and will conduct research projects evaluating their helping skills. Students should be willing to talk about personal issues in class. Because of the participatory nature of this class, attendance normally will be included in the computation of grades.

0102	Sara Ericson **Meets May 29, 2012 - July 8, 2012** MWF 9:00am - 12:00pm *This section meets for 6 weeks.*	Seats (Total: 25) BPS 1228
0201	Tsz-Yeung Chui **Meets July 9, 2012 - August 19, 2012** MWF 9:00am - 12:00pm	Seats (Total: 25) BPS 1103

PSYC436 **Introduction to Clinical Psychology: From Science to Practice**

PSYC436 Introduction to Clinical Psychology: From Science to Practice; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC300. Critical analysis of clinical psychology, with particular emphasis on current developments and trends.

0101	Mary Byrne **Meets May 29, 2012 - July 8, 2012** TuTh 9:30am - 12:50pm	Seats (Total: 25) BPS 1103

PSYC479 **Special Research Problems in Psychology**

PSYC479 *(PermReq)* **Special Research Problems in Psychology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Click here for sample course syllabus.

Contact department for information to register for this course.

PSYC629 **Clinical Laboratory**

PSYC629 *(PermReq)* **Clinical Laboratory; (1-3 credits)** Grade Method: S-F.

0101	Mary Byrne **Meets May 29, 2012 - August 17, 2012** Contact instructor or department for details.	Seats (Total: 20)

PSYC638 **Externship in Professional Psychology**

PSYC638 *(PermReq)* **Externship in Professional Psychology; (1-3 credits)** Grade Method: S-F.

0101	Jack Blanchard	Seats (Total: 10)
	Meets May 29, 2012 - August 17, 2012	
	Contact instructor or department for details.	

PSYC799 **Master's Thesis Research**

PSYC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC898 **Pre-Candidacy Research**

PSYC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC899 **Doctoral Dissertation Research**

PSYC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF Public Policy Summer 2012

PUAF610 **Quantitative Aspects of Public Policy**
Contact department for information to register for this course.

PUAF640 **Microeconomic and Policy Analysis**
Contact department for information to register for this course.

PUAF641 **Macroeconomics and Policy Analysis**

PUAF641 Macroeconomics and Policy Analysis; (3 credits) Grade Method: REG/AUD.

Restriction: Must be in a major in PUAF-School of Public Policy; or permission of PUAF-School of Public Policy. Studies the behavior of the economy as a whole: the level of national income, unemployment, and inflation; the vulnerability of the U.S. economy to external influences; possible federal influence over the level of economic activity; and the consequences for prices, employment and the U.S. trade deficit. Also examines possible U.S. policy responses to widespread debt crises in developing countries.

0101	William Helkie	Seats (Total: 20)	
	Meets May 29, 2012 - July 8, 2012		
	MW 5:30pm - 8:45pm	VMH 1107	
	TuTh 5:30pm - 8:45pm	VMH 1107	Discussion

PUAF650 **Moral Dimensions of Public Policy**
Contact department for information to register for this course.

PUAF670 **Finance**
Contact department for information to register for this course.

PUAF671 **Public Sector Finance**
Contact department for information to register for this course.

PUAF688X **Topics in Public Policy; Performance Management**
Contact department for information to register for this course.

PUAF689D **Public Policy Topics; Social Entrepreneurship**

PUAF689D Public Policy Topics: Social Entrepreneurship; (3 credits) Grade Method: REG/AUD.

DC26	James Sanders	Seats (Total: 36)	
	Meets July 28, 2012 - August 18, 2012		
	Sa 9:00am - 4:15pm	DC C4	

PUAF689X **Public Policy Topics; Performance Management**
Contact department for information to register for this course.

PUAF692	**Leadership Principles and Practices** **Contact department for information to register for this course.**
PUAF698	**Selected Topics in Public Affairs** **Contact department for information to register for this course.**
PUAF698A	**Selected Topics in Public Affairs; Smart Growth** **Contact department for information to register for this course.**
PUAF698C	**Selected Topics in Public Affairs; Intelligence and Policy** **Contact department for information to register for this course.**
PUAF698F	**Selected Topics in Public Affairs; Jobs, Justice and the Environment** **Contact department for information to register for this course.**
PUAF698N	**Selected Topics in Public Affairs; Intelligence Policy and Organizations** **Contact department for information to register for this course.**
PUAF698P	**Selected Topics in Public Affairs; Information Technology and Policy** **Contact department for information to register for this course.**
PUAF698T	**Selected Topics in Public Affairs; Managing Across Sectors** **Contact department for information to register for this course.**
PUAF698X	**Selected Topics in Public Affairs; Performance Management and Leading for Results** **Contact department for information to register for this course.**
PUAF699G	**Selected Topics Public Policy; Leadership in Groups and Organizations** **Contact department for information to register for this course.**
PUAF699O	**Selected Topics Public Policy; 21st Century Policy Challenges** **Contact department for information to register for this course.**
PUAF699T	**Selected Topics Public Policy; Terrorism Analysis: Tools & Practices** **Contact department for information to register for this course.**

PUAF699V **Selected Topics Public Policy; Homeland Security Policy**
Contact department for information to register for this course.

PUAF699W **Selected Topics Public Policy; Motivations and Intents of Terrorism**
Contact department for information to register for this course.

PUAF699X **Selected Topics Public Policy; Organizational Behavior**
Contact department for information to register for this course.

PUAF711 **Public Management and Leadership**

PUAF711 Public Management and Leadership; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in a major in PUAF-School of Public Policy; or permission of PUAF-School of Public Policy. Reviews the managerial, political, and ethical problems faced by public sector managers and leaders, including setting an organization's goals, obtaining and protecting a program mandate, designing a service delivery system and implementing a new program.

0101	Elizabeth Duke	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 5:30pm - 8:45pm	VMH 1203

PUAF712 **Analysis of Fiscal Conditions**
Contact department for information to register for this course.

PUAF724 **Problems of Global Security**
Contact department for information to register for this course.

PUAF740 **Public Policy and the Environment**
Contact department for information to register for this course.

PUAF752 **Managing Differences:Resolving Conflict and Negotiating Agreements**
Contact department for information to register for this course.

PUAF753 **Advanced Negotiations**
Contact department for information to register for this course.

PUAF770 **Seminar in Housing and Community Development Strategies**
Contact department for information to register for this course.

PUAF772 **Housing Finance**
Contact department for information to register for this course.

PUAF774 **Asset Management**
Contact department for information to register for this course.

PUAF790 **Project Course**
Contact department for information to register for this course.

PUAF798A **Readings in Public Policy; Readings in Public Policy**

PUAF798A Readings in Public Policy: Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF798B **Readings in Public Policy; Readings in Public Policy**

PUAF798B Readings in Public Policy: Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
For PUAF majors only.

Contact department for information to register for this course.

PUAF898 **Pre-Candidacy Research**

PUAF898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF899 **Doctoral Dissertation Research**

PUAF899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

RDEV Real Estate Development Summer 2012

RDEV688J **Selected Topics in Real Estate Development; Principles Urban Desgin**

RDEV688J *(PermReq)* **Selected Topics in Real Estate Development: Principles Urban Desgin; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department.

0201	Christian Calleri	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	MTh 6:30pm - 9:45pm	ARC 1103

RDEV689D **Current Topics in Real Estate Development; Portfolio and Asset Management for Commercial Property Owners**

RDEV689D *(PermReq)* **Current Topics in Real Estate Development: Portfolio and Asset Management for Commercial Property Owners; (3 credits)** Grade Method: REG/AUD.
Course will also meet Saturday, June 18 from 10am - 12pm.

0101	Margaret McFarland, Amanda Vralsted	Seats (Total: 22)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
	Fri.6:30 pm - 9:30 pm June 1, June 15, June 29 Sa..9:00am- 5:00pm June 2, June 16, June 30 Su .9:00 AM - 2:00 PM June 3, June 17, July 1	

RDEV689O **Current Topics in Real Estate Development; Real Estate Development in St. Petersburg (Russia) Contact department for information to register for this course.**

RDEV689Y **Current Topics in Real Estate Development; Guided Real Estate Development Project**

RDEV689Y *(PermReq)* **Current Topics in Real Estate Development: Guided Real Estate Development Project; (1 credit)** Grade Method: REG/AUD.
Permission of the department required to register.

0101	Margaret McFarland	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

RELS Religious Studies Summer 2012

RELS269G **Special Topics in Study Abroad II; From Asoka to Gandhi: Buddhism and Hinduism in Contemporary Society**

Contact department for information to register for this course.

RELS289T **The Practice of Tolerance in Religious Societies**

RELS289T The Practice of Tolerance in Religious Societies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. Also offered as HIST289G and JWST289T.

WB21	Bernard Cooperman	Seats (Total: 30)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

RUSS Russian Summer 2012

RUSS101 **Intensive Elementary Russian I**

RUSS101 Intensive Elementary Russian I; (6 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Russian. Credit only granted for: RUSS101 or (RUSS111 and RUSS112). This intensive first-year course is intended to develop the four skills: reading, writing, listening and speaking with an emphasis on communicative competence. Interested students should contact Dr. Cynthia Martin, cmartin@umd.edu, for more information.

0101	Cynthia Martin, Ekaterina Demiyanova	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MTuWTh 10:00am - 1:30pm	JMZ 1224

RUSS102 **Intensive Elementary Russian II**

RUSS102 Intensive Elementary Russian II; (6 credits) Grade Method: REG/P-F/AUD.
Prerequisite: RUSS101 or RUSS102; and Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Russian. Credit only granted for: RUSS102 or (RUSS113 and RUSS114). A continuation of RUSS101 which will further develop the four skills: reading, writing, listening and speaking with an emphasis on communicative competence. Interested students should contact Dr. Cynthia Martin, cmartin@umd.edu, for more information.

0201	Cynthia Martin, Ekaterina Demiyanova	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	MTuWTh 10:00am - 1:30pm	JMZ 1224

RUSS301 **Advanced Russian I**

RUSS301 Advanced Russian I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: RUSS202; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must not be a native/fluent speaker of Russian. Advanced training in written Russian communicative structures.

0101	Natalia Morse	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MTuF 5:00pm - 7:15pm	HBK 0108

RUSS302 **Advanced Russian II**

RUSS302 Advanced Russian II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: RUSS301. Advanced training in written Russian communicative structures.

0201	Natalia Morse	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	MTuW 5:00pm - 7:15pm	JMZ 3205

RUSS499 **Independent Study in Russian**

RUSS499 Independent Study in Russian; (1-3 credits) Grade Method: REG.

0201	Cynthia Martin **Meets July 9, 2012 - August 19, 2012** Contact instructor or department for details.	Seats (Total: 1)

SOCY Sociology Summer 2012

SOCY100 **Introduction to Sociology**

SOCY100 Introduction to Sociology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
The fundamental concepts and principles of sociology. Includes consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and social change.

0201	David Strohecker **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 27) PLS 1119
0501	Valerie Chepp **Meets June 18, 2012 - July 6, 2012** MTuWThF 9:00am - 11:45am *Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .*	Seats (Total: 35) ASY 3211
FF61	PJ Rey **Meets July 30, 2012 - August 17, 2012** MTuWTh 1:00pm - 4:20pm	Seats (Total: 25) EDU 2119
WB31	John Pease **Meets May 29, 2012 - June 15, 2012** Class time/details on ELMs	Seats (Total: 40) ONLINE
XA21	David Strohecker **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 0) PLS 1119

SOCY105 **Introduction to Contemporary Social Problems**

SOCY105 Introduction to Contemporary Social Problems; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
An examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality.

0401	Kendra Barber	Seats (Total: 35)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 11:30am	ASY 3211	
YS41	William Yagatich	Seats (Total: 20)	
	Meets July 9, 2012 - July 27, 2012		
	MTuWThF 9:00am - 12:00pm	EDU 2102	
	This section is part of The Young Scholars Program. Enrollment by permission only.		

SOCY201 **Introductory Statistics for Sociology**

SOCY201 Introductory Statistics for Sociology; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY100 and MATH111; or students who have taken courses with similar or comparable course content may contact the department. Restriction: Must not have completed STAT400, BMGT231, or ENEE324. Credit only granted for: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Elementary descriptive and inferential statistics. Construction and percentaging of bivariate contingency tables; frequency distributions and graphic presentations; measures of central tendency and dispersion; parametric and nonparametric measures of association and correlation; regression; probability; hypothesis testing; the normal, binomial and chi-square distributions; point and interval estimates.

0201	Mandi Martinez	Seats (Total: 35)	
	Meets July 9, 2012 - August 19, 2012		
	MTuWThF 9:30am - 10:50am	ASY 3215	
	MW 11:00am - 11:50am	ASY 3215	Lab

SOCY203 **Sociological Theory**

SOCY203 Sociological Theory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: SOCY100.* Development of the science of sociology; historical backgrounds; recent theories of society. Required of all sociology majors.

0401	Roberto Korzeniewicz	Seats (Total: 35)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:00am - 11:30am	ASY 1117

SOCY230 **Sociological Social Psychology**

SOCY230 Sociological Social Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change.

0601	Amy Baxter	Seats (Total: 35)
	Meets July 30, 2012 - August 17, 2012	
	MTuWThF 1:00pm - 3:30pm	ASY 3207
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

SOCY241 **Inequality in American Society**

SOCY241 Inequality in American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
The dynamics of inequality: its social production, politics, future, and ideological bases. Utopian communities, efforts to eliminate inequality.

0301	Mark Gross	Seats (Total: 35)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 9:00am - 11:45am	ASY 3207

SOCY305 **Scarcity and Modern Society**

SOCY305 Scarcity and Modern Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 3 credits in SOCY courses.* Resource depletion and the deterioration of the environment. Relationship to lifestyles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the futurist literature.

0401	Kurt Finsterbusch	Seats (Total: 35)
	Meets July 9, 2012 - July 27, 2012	
	MTuWThF 9:30am - 12:00pm	ASY 3207

SOCY325 **The Sociology of Gender**

SOCY325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: 3 credits in SOCY courses. Also offered as: WMST325. Credit only granted for: SOCY325 or WMST325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.

0301	Michelle Sandhoff	Seats (Total: 35)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 9:00am - 11:45am	ASY 2309
0601	Mary Kniskern	Seats (Total: 35)
	Meets July 30, 2012 - August 17, 2012	
	MTuWTh 6:00pm - 9:10pm	ASY 3211
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

SOCY358J **Special Topics in Study Abroad III; Social Services Delivery Systems in Ghana**
Contact department for information to register for this course.

SOCY358K **Special Topics in Study Abroad III; Spanish Gender Studies**
Contact department for information to register for this course.

SOCY358Q **Special Topics in Study Abroad III; Calcio and Politics: Italian Sport and Society from the 20th Century**
Contact department for information to register for this course.

SOCY380 **Honors Independent Reading in Sociology**

SOCY380 Honors Independent Reading in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of BSOS-Sociology department. Formerly: SOCY378. This course permits sociology honor students to undertake a program or reading on a particular problem in sociology or a subfield therein. The reading will be done under the supervision of a member of the sociology faculty. Required of sociology honor students.

Contact department for information to register for this course.

SOCY381 **Honors Independent Research in Sociology**

SOCY381 Honors Independent Research in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY380. Formerly: SOCY388. This course permits sociology students to define a particular problem in sociology or a subfield therein and to develop a research plan for use as a thesis topic. The work will be done under the supervision of a member of the sociology faculty.

Contact department for information to register for this course.

SOCY383 **Honors Thesis Research**

SOCY383 Honors Thesis Research; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY381. Formerly: SOCY389. Student research under the direction of a member of the sociology faculty, culminating in the presentation and defense of a thesis reporting the research.

Contact department for information to register for this course.

SOCY386 **Experiential Learning**

SOCY386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of BSOS-Sociology department; and Junior standing or higher.

Contact department for information to register for this course.

SOCY399 **Independent Study in Sociology**

SOCY399 *(PermReq)* **Independent Study in Sociology; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY443 **The Family and Society**

SOCY443 The Family and Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department.* Study of the family as a social institution; its biological and cultural foundations, historical development, changing structures and functions, the interaction of marriage and parenthood, disorganizing and reorganizing factors in present-day trends. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu .

0101	Kathleen Denny	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 10:55am	ASY 3203

SOCY458E **Special Topics in Study Abroad IV; Gender and Post Socialist Transformation in Central Europe**
Contact department for information to register for this course.

SOCY458T **Special Topics in Study Abroad IV; Human Trafficking in a Global Context**
Contact department for information to register for this course.

SOCY458Z **Special Topics in Study Abroad IV; Gender and Sexuality in Scandinavia**
Contact department for information to register for this course.

SOCY467 **Sociology of Education**

SOCY467 Sociology of Education; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department.* Sociological analysis of educational institutions and their relation to society: goals and functions, the mechanisms of social control, and the impacts of stratification and social change. Study of the school as a formal organization, and the roles and subcultures of teachers and students.

0501	Linda Moghadam	Seats (Total: 35)
	Meets June 18, 2012 - July 6, 2012	
	MTuWTh 6:00pm - 9:30pm	ASY 3203
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

SOCY498R **Selected Topics in Sociology; Spain: Barcelona and the Changing Meaning of Place**
Contact department for information to register for this course.

SOCY699 **Special Social Problems**

SOCY699 Special Social Problems; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY799 **Master's Thesis Research**

SOCY799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY898 **Pre-Candidacy Research**

SOCY898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY899 **Doctoral Dissertation Research**

SOCY899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN Spanish Summer 2012

SPAN103 **Intensive Elementary Spanish**

SPAN103 Intensive Elementary Spanish; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish; or must not have completed SPAN101 or SPAN102. Credit only granted for: SPAN102 or SPAN103.* Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Sofia Calzada-Orihuela **Meets May 29, 2012 - July 8, 2012** MTuWTh 9:30am - 11:45am	Seats (Total: 25) TYD 2110
0102	Chila Hidalgo **Meets May 29, 2012 - July 8, 2012** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 3120
0103	Evelyn Canabal-Torres **Meets May 29, 2012 - July 8, 2012** TuWTh 6:00pm - 9:00pm	Seats (Total: 9) JMZ 1224
0201	Maria Becerril Longares **Meets July 9, 2012 - August 19, 2012** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 0205

SPAN169W **Special Topics in Study Abroad I; Introduction to Spanish Lanuage I**
Contact department for information to register for this course.

SPAN169X **Special Topics in Study Abroad I; Elementary Spanish I**
Contact department for information to register for this course.

SPAN169Y **Special Topics in Study Abroad I; Elementary Spanish II**
Contact department for information to register for this course.

SPAN169Z **Special Topics in Study Abroad I; Introduction to Spanish Lanuage II**
Contact department for information to register for this course.

SPAN203 **Intensive Intermediate Spanish**

SPAN203 Intensive Intermediate Spanish; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: SPAN103; or Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish. Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Maggy Rodriguez **Meets May 29, 2012 - July 8, 2012** MTuWTh 9:30am - 11:45am	Seats (Total: 25) PLS 1113
0102	Lina Morales Chacana **Meets May 29, 2012 - July 8, 2012** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 2206
0201	Douglas Glynn **Meets July 9, 2012 - August 19, 2012** MTuWTh 9:30am - 11:45am	Seats (Total: 0) KEY 0121
0202	Jason Bartles **Meets July 9, 2012 - August 19, 2012** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 2207
0203	Leonardo Solano Moraga **Meets July 9, 2012 - August 19, 2012** MTuWTh 9:30am - 11:45am	Seats (Total: 25) PLS 1113

SPAN204 **Spanish Grammar Review**
Contact department for information to register for this course.

SPAN207 **Reading and Writing in Spanish**

SPAN207 Reading and Writing in Spanish; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Humanities.
Prerequisite: Minimum grade of B+ in SPAN203; or completed or be concurrently enrolled in SPAN204; or Must have appropriate Foreign Language Placement Test (FLPT) score. Selected readings with emphasis on reading comprehension and the development of reading strategies. Work in composition writing and a review of selected grammatical topics. Complements material of SPAN204.

0101	Karen Krausen	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	MW 6:00pm - 9:25pm	JMZ 2207

SPAN269I **Special Topics in Study Abroad II; Intensive Intermediate Spanish**
Contact department for information to register for this course.

SPAN269P **Special Topics in Study Abroad II; Spanish Oral Techniques**
Contact department for information to register for this course.

SPAN301 **Advanced Grammar and Composition I**

SPAN301 Advanced Grammar and Composition I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Completed or be concurrently enrolled in SPAN207. Practice of complex grammatical structures through reading and writing of compositions and essays. Specific lexical, syntactic, rhetorical, and stylistic devices will be highlighted.

0101	Norman Gonzalez	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:20pm	JMZ 3205

SPAN302 **Advanced Grammar and Composition II**
Contact department for information to register for this course.

SPAN303 **Approaches to Cultural Materials in the Hispanic World**

SPAN303 Approaches to Cultural Materials in the Hispanic World; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SPAN207; or permission of instructor. Development of proficiency in critical thought through the reading, viewing, and analytical discussion of major genres and styles of cultural materials selected from Spanish-speaking world. Taught in Spanish.

0201	Maria Campero	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	TuWTh 9:30am - 11:45am	JMZ 2207

SPAN304 **Linguistic Commentary and Writing of Spanish Texts**
Contact department for information to register for this course.

SPAN311 **Advanced Conversation I**
Contact department for information to register for this course.

SPAN312 **Advanced Conversation II**
Contact department for information to register for this course.

SPAN315 **Commercial Spanish I**

SPAN315 Commercial Spanish I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: SPAN301 and SPAN303; or permission of ARHU-School of Languages, Literatures, and Cultures department.* Business Spanish terminology, vocabulary and practices. Emphasis on everyday spoken and written Spanish. Readings and discussions of Spanish commercial topics. May include exposure to Spanish commercial topics. May include exposure to Spanish business environments.

0101	Matthew Lewis	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:20pm	JMZ 2207

SPAN333 **Spanish Culture, Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

SPAN369C **Special Topics in Study Abroad III; Spanish Culture and History**
Contact department for information to register for this course.

SPAN369O **Special Topics in Study Abroad III; Spanish Conversation and Oral Skills**
Contact department for information to register for this course.

SPAN369P **Special Topics in Study Abroad III; Spanish Oral Techniques**
Contact department for information to register for this course.

SPAN399 **Independent Study in Spanish**

SPAN399 Independent Study in Spanish; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN401 **Advanced Composition I**
Contact department for information to register for this course.

SPAN402 **Advanced Composition II**
Contact department for information to register for this course.

SPAN408A **Great Themes of the Hispanic Literatures; Spectacle, Sports, Comedy and Film in Contemporary Spain**

SPAN408A Great Themes of the Hispanic Literatures: Spectacle, Sports, Comedy and Film in Contemporary Spain; (3 credits) Grade Method: REG/P-F/AUD.

0301	Jose Naharro-Calderon	Seats (Total: 25)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 1:00pm - 4:25pm	JMZ 1117

SPAN408J **Great Themes of the Hispanic Literatures; Contemporary Mexican Literature**
Contact department for information to register for this course.

SPAN408V **Great Themes of the Hispanic Literatures; Where the Wild Things Happened: Marvels, Miracles and Monsters in Medieval Europe**

SPAN408V Great Themes of the Hispanic Literatures: Where the Wild Things Happened: Marvels, Miracles and Monsters in Medieval Europe; (3 credits) Grade Method: REG/P-F/AUD.

0401	Carmen Benito-Vessels	Seats (Total: 25)
	Meets July 9, 2012 - July 27, 2012	
	MTuWTh 6:00pm - 9:20pm	JMZ 2122

SPAN408X **Great Themes of the Hispanic Literatures; Spain: Salamanca and Barcelona**
Contact department for information to register for this course.

SPAN408Y **Great Themes of the Hispanic Literatures; Contemporary Spanish Short Story**
Contact department for information to register for this course.

SPAN409B **Great Themes of the Hispanic Literatures; 20th Century and Contemporary Latin American Short Story**

Contact department for information to register for this course.

SPAN448D **Special Topics in Latin American Civilization; Literature, Popular Culture and Music in Contemporary Puerto Rico**

SPAN448D Special Topics in Latin American Civilization: Literature, Popular Culture and Music in Contemporary Puerto Rico; (3 credits) Grade Method: REG/P-F/AUD.

0601	Juan Carlos Quintero-Herencia	Seats (Total: 25)
	Meets July 30, 2012 - August 17, 2012	
	MTuWTh 6:00pm - 9:20pm	JMZ 2206
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

SPAN464 **Contemporary Spanish Poetry**

Contact department for information to register for this course.

SPAN474 **Central American Literatures, Cultures, and Histories**

Contact department for information to register for this course.

SPAN699 **Independent Study in Spanish**

SPAN699 Independent Study in Spanish; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN799 **Master's Thesis Research**

SPAN799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN899 **Doctoral Dissertation Research**

Contact department for information to register for this course.

SPHL389I **Public Health Science Independent Study; India: Global Health and Development**
Contact department for information to register for this course.

SPHL698F **Special Topics in Public Health; Social Marketing in Public Health**

SPHL698F Special Topics in Public Health: Social Marketing in Public Health; (3 credits) Grade Method: REG/AUD.
Click here for more course information.

0101	Muhiuddin Haider **Meets May 29, 2012 - July 8, 2012** TuW 5:00pm - 8:30pm	Seats (Total: 20) SPH 0305
GH01	Muhiuddin Haider **Meets May 29, 2012 - July 8, 2012** TuW 5:00pm - 8:30pm	Seats (Total: 2) SPH 0305

STAT Statistics and Probability Summer 2012

STAT100 **Elementary Statistics and Probability**

STAT100 Elementary Statistics and Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning; Fundamental Studies - Math.
Prerequisite: MATH112, MATH110, MATH113, or MATH115; or permission of CMNS-Mathematics department. Restriction: Must not have completed MATH111; or Must not have completed any MATH or STAT course with a prerequisite of MATH141. Credit only granted for: STAT100 or MATH111. Simplest tests of statistical hypotheses; applications to before-and-after and matched pair studies. Events, probability, combinations, independence. Binomial probabilities, confidence limits. Random variables, expected values, median, variance. Tests based on ranks. Law of large numbers, normal approximation. Estimates of mean and variance.

0101	Timothy Mercure **Meets May 29, 2012 - July 8, 2012** MTuWThF 8:00am - 9:20am	Seats (Total: 31) MTH 0105
0201	Changhui Tan **Meets July 9, 2012 - August 19, 2012** MTuWThF 9:30am - 10:50am	Seats (Total: 27) MTH B0425

STAT386 **Experiential Learning**

STAT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: Must have Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. Restriction: Junior standing or higher.*

0150	Paul Smith	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

STAT400 **Applied Probability and Statistics I**

STAT400 Applied Probability and Statistics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in MATH131; or MATH141; or students who have taken courses with similar or comparable course content may contact the department. Credit only granted for: BMGT231, ENEE324, or STAT400. Additional information: Not acceptable toward graduate degrees in MATH/STAT/AMSC. Random variables, standard distributions, moments, law of large numbers and central limit theorem. Sampling methods, estimation of parameters, testing of hypotheses.

0101	Abram Kagan	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 9:30am - 10:50am	MTH B0425
0201	Joel Cohen	Seats (Total: 28)
	Meets July 9, 2012 - August 19, 2012	
	MTuWThF 9:30am - 10:50am	MTH 0303

STAT498A **Selected Topics in Statistics**

STAT498A *(PermReq)* **Selected Topics in Statistics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT689 **Research Interactions in Statistics**

STAT689 *(PermReq)* **Research Interactions in Statistics; (1-3 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

STAT698A **Selected Topics in Probability**

STAT698A *(PermReq)* **Selected Topics in Probability; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT798A **Selected Topics in Statistics**

STAT798A *(PermReq)* **Selected Topics in Statistics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT799 **Master's Thesis Research**

STAT799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT898 **Pre-Candidacy Research**

STAT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT899 **Doctoral Dissertation Research**

STAT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SUMM Summer Summer 2012

SUMM004 **Multi-Track Diplomacy: Tranforming Violent Conflict Workshop**

SUMM004 Multi-Track Diplomacy: Tranforming Violent Conflict Workshop; (No CEU'S) Grade Method: NGI.

0501	John Davies	Seats (Total: 30)
	Meets June 18, 2012 - July 6, 2012	
	TuTh 6:00pm - 9:20pm	TYD 1101
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

SUMM010 **Non-Credit Workshop: Studio ArtIron Casting**

SUMM010 Non-Credit Workshop: Studio ArtIron Casting; (No CEU'S) Grade Method: NGI.
Also offered as ARTT330. This is a non-credit Workshop. Students must pay a $40 materials fee.

0301	Steven Jones	Seats (Total: 7)
	Meets May 29, 2012 - June 15, 2012	
	MTuWTh 3:00pm - 7:00pm	ASY 1310

SUMM015 **Field Methods in Archaeology**

SUMM015 Field Methods in Archaeology; (No CEU'S) Grade Method: NGI.
Also offered as ANTH496 and ANTH696.

0101	Mark Leone	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA
0102	Stephen Brighton	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA

0103	Paul Shackel	Seats (Total: 6)
	Meets May 29, 2012 - July 8, 2012	
	MTuWThF 8:00am - 4:00pm	Location: TBA

SUMM016 **Introduction to Cultural Resource Management**

SUMM016 Introduction to Cultural Resource Management; (No CEU'S) Grade Method: NGI.

0501	Terry Klein	Seats (Total: 15)
	Meets June 18, 2012 - June 25, 2012	
	MTuWThFSa 9:00am - 5:00pm	Location: TBA
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

SUMM062 **Academic Skills**

SUMM062 Academic Skills; (No CEU'S) Grade Method: NGI.

0101	Beverly Greenfeig	Seats (Total: 100)
	Meets June 5, 2012 - June 21, 2012	
	TuWTh 10:30am - 12:30pm	SHM 2102

SURV Survey Methodology Summer 2012

SURV623 **Data Collection Methods in Survey Research**

SURV623 Data Collection Methods in Survey Research; (3 credits) Grade Method: REG/AUD.

Review of alternative data collection methods used in surveys, concentrating on the impact these techniques have on the quality of survey data, including measurement error properties, levels of nonresponse and coverage error. Reviews of the literature on major mode comparisons (face-to-face interviewing, telephone survey and self-administered questionnaires), and alternative collection methods (diaries, administrative records, direct observation, etc.). The statistical and social science literatures on interviewer effects and nonresponse, and current advances in computer-assisted telephone interviewing (CATI), computer-assisted personal interviewing (CAPI), and other methods such as touchtone data entry (TDE) and voice recognition (VRE).

0101	Frederick Conrad, Philip Brenner **Meets June 4, 2012 - June 29, 2012** MTuWThF 1:00pm - 3:00pm	Seats (Total: 20) LEF 1208
SV01	Frederick Conrad, Philip Brenner **Meets June 4, 2012 - June 29, 2012** MTuWThF 1:00pm - 3:00pm *Meets at Census Bureau in Suitland, MD. Students in this section are using video stream at this location only.*	Seats (Total: 20) Location: TBA

SURV625 **Applied Sampling**

SURV625 Applied Sampling; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed a course in statistics approved by department.
Practical aspects of sample design. Topics include: probability sampling (including simple random, systematic, stratified, clustered, multistage and two-phase sampling methods), sampling with probabilities proportional to size, area sampling, telephone sampling, ratio estimation, sampling error estimation, frame problems, nonresponse, and cost factors.

0101	James Lepkowski, Brady West **Meets June 4, 2012 - July 26, 2012** TuTh 3:00pm - 5:30pm	Seats (Total: 20) LEF 1208
SV01	James Lepkowski, Brady West **Meets June 4, 2012 - July 26, 2012** TuTh 3:00pm - 5:30pm *Meets at Census Bureau in Suitland, MD. Students in this section are using video stream at this location only.*	Seats (Total: 20) Location: TBA

SURV630 **Questionnaire Design**

SURV630 Questionnaire Design; (3 credits) Grade Method: REG/AUD.
Credit only granted for: SURV430 and SURV630. The stages of questionnaire design; developmental interviewing, question writing, question evaluation, pretesting, and questionnaire ordering and formatting. Reviews of the literature on questionnaire construction, the experimental literature on question effects, and the psychological literature on information processing. Examination of the diverse challenges posed by self versus proxy reporting and special attention is paid to the relationship between mode of administration and questionnaire design.

0101	Pamela Campanelli	Seats (Total: 20)
	Meets June 5, 2012 - June 29, 2012	
	MTuWThF 10:30am - 12:30pm	LEF 1208

SURV699 **Special Topics in Survey Methodology**

SURV699 *(PermReq)* **Special Topics in Survey Methodology; (1-3 credits)** Grade Method: REG/AUD.

0201	Frederick Conrad	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

SURV699K **Special Topics in Survey Methodology; Multi-Level Analysis of Survey Data**

SURV699K Special Topics in Survey Methodology: Multi-Level Analysis of Survey Data; (3 credits) Grade Method: REG/AUD.

0101	Robert Croninger	Seats (Total: 12)
	Meets June 5, 2012 - June 29, 2012	
	MTuWThF 10:30am - 12:30pm	LEF 2208

SURV699O **Special Topics in Survey Methodology; Introduction to Survey Nonresponse**

SURV699O Special Topics in Survey Methodology: Introduction to Survey Nonresponse; (1 credit) Grade Method: REG/AUD.
Click here for more course information.

0201	Instructor: TBA	Seats (Total: 20)
	Meets July 9, 2012 - July 13, 2012	
	MTuWThF 9:00am - 12:00pm	LEF 1208

SURV899 **Doctoral Dissertation Research**

SURV899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET Theatre Summer 2012

THET110 **Introduction to the Theatre**

THET110 Introduction to the Theatre; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Introduction to the people of the theatre: actors, directors, designers and backstage personnel. The core and characteristics of a play script; theatrical forms and styles; and theatre history.

0201	Michael Boynton	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	MTuW 10:00am - 12:15pm	PAC 1815
XA21	Michael Boynton	Seats (Total: 0)
	Meets July 9, 2012 - August 19, 2012	
	MTuW 10:00am - 12:15pm	PAC 1815

THET399W **Independent Study; Write Your First Screenplay in 21 Days**

THET399W Independent Study: Write Your First Screenplay in 21 Days; (3 credits) Grade Method: REG/P-F/AUD.

0101	Adam Nixon	Seats (Total: 9)	
	Meets May 29, 2012 - July 8, 2012		
	TuTh 6:00pm - 9:20pm	PAC 2804	Lab

THET489Q **Special Topics in Theatre History from 1800 to Present; Where the Wilde Things Are: Queer Identities in Drama and Performance**

THET489Q Special Topics in Theatre History from 1800 to Present: Where the Wilde Things Are: Queer Identities in Drama and Performance; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Diversity - Understanding Plural Societies.
Also offered as LGBT448G.

0101	Korey Rothman	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuW 1:00pm - 3:15pm	PAC 2804

THET489T **Special Topics in Theatre History from 1800 to Present; The Contemporary American Musical: From Hair to Hairspray**

THET489T Special Topics in Theatre History from 1800 to Present: The Contemporary American Musical: From Hair to Hairspray; (3 credits) Grade Method: REG/P-F/AUD.

0101	Korey Rothman	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	MTuW 10:00am - 12:15pm	PAC 2804

THET499 **Independent Study**

THET499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET789 **Master's Practicum**

THET789 *(PermReq)* **Master's Practicum; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET799 **Master's Thesis Research**

THET799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET899 **Doctoral Dissertation Research**

THET899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

UMEI Maryland English Institute Summer 2012

UMEI011 **Integrated English: Elementary**

UMEI011 Integrated English: Elementary; (5 credits) Grade Method: S-F. *Prerequisite: Placement exam; and permission of EDUC-Dean-Maryland English Institute.* English as a Second Language course for students at the elementary level.

UM10	Glenn Knapp **Meets June 12, 2012 - July 27, 2012** MTuWTh 9:00am - 12:30pm	Seats (Total: 16) EGR 2154
UM11	Instructor: TBA **Meets June 12, 2012 - July 27, 2012** MTuWTh 9:00am - 12:30pm	Seats (Total: 16) EGR 3106

UMEI012 **Integrated English: Intermediate**

UMEI012 Integrated English: Intermediate; (5 credits) Grade Method: S-F. *Prerequisite: Placement exam; and permission of EDUC-Dean-Maryland English Institute.* English as a Second Language course for students at the intermediate level.

UM10	Daniela Wagner-Loera **Meets June 12, 2012 - July 27, 2012** MTuWTh 9:00am - 12:30pm	Seats (Total: 16) COL 3109

UM11	DeAnna Coon	Seats (Total: 16)
	Meets June 12, 2012 - July 27, 2012	
	MTuWTh 9:00am - 12:30pm	TWS 1106

UMEI013 **Integrated English: Advanced**

UMEI013 Integrated English: Advanced; (5 credits) Grade Method: S-F. *Prerequisite: Placement exam; and permission of EDUC-Dean-Maryland English Institute.* English as a Second Language for students at the advanced level.

UM10	Eric Walker	Seats (Total: 16)
	Meets June 12, 2012 - July 27, 2012	
	MW 9:00am - 12:30pm TuTh 9:00am - 12:30pm	EDU 0206 EDU 2119
UM11	Annelies Galletta	Seats (Total: 16)
	Meets June 12, 2012 - July 27, 2012	
	MTuWTh 9:00am - 12:30pm	COL 3110

UMEI028A **Special Topics in English as a Second Language; Preparation of Academic Study in an American University**

UMEI028A Special Topics in English as a Second Language: Preparation of Academic Study in an American University; (1 credit) Grade Method: S-F.

UM10	Diego Hernandez	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	MW 1:30pm - 3:30pm	ASY 3211
UM11	Diego Hernandez	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	TuTh 1:30pm - 3:30pm	ASY 3211

UMEI028B **Special Topics in English as a Second Language; Business Communication**

UMEI028B Special Topics in English as a Second Language: Business Communication; (1 credit) Grade Method: S-F.

UM10	Eric Walker	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	TuTh 1:30pm - 3:30pm	ASY 3203

UMEI028C **Special Topics in English as a Second Language; Focus on Conversation**

UMEI028C Special Topics in English as a Second Language: Focus on Conversation; (1 credit) Grade Method: S-F.

UM10	Amanda Wilder	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	W 1:30pm - 3:30pm	ASY 3203
	F 9:00am - 11:00am	ASY 3221

UMEI028G **Special Topics in English as a Second Language; Focus on Grammar**

UMEI028G Special Topics in English as a Second Language: Focus on Grammar; (1 credit) Grade Method: S-F.

UM10	Amanda Wilder	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	M 1:30pm - 3:30pm	PLS 1115
	F 11:00am - 1:00pm	ASY 3219

UMEI028I **Special Topics in English as a Second Language; IELTS Exam Preparation**

UMEI028I Special Topics in English as a Second Language: IELTS Exam Preparation; (1 credit) Grade Method: S-F.

UM10	Raymond Smith	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	MW 1:30pm - 3:30pm	EDU 0206

UMEI028P **Special Topics in English as a Second Language; Focus on Pronunciation**

UMEI028P Special Topics in English as a Second Language: Focus on Pronunciation; (1 credit) Grade Method: S-F.

UM10	Amanda Wilder	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	TuTh 1:30pm - 3:30pm	EDU 2101

UMEI028T **Special Topics in English as a Second Language; iBT TOEFL Strategies**

UMEI028T Special Topics in English as a Second Language: iBT TOEFL Strategies; (1 credit) Grade Method: S-F.

UM10	DeAnna Coon	Seats (Total: 25)
	Meets June 12, 2012 - July 27, 2012	
	F 9:00am - 1:00pm	EDU 2119

UNIV University Courses Summer 2012

UNIV099 **Internship Seminar**

UNIV099 *(PermReq)* **Internship Seminar; (No credit)** Grade Method: S-F. Permission of Internship Coordinator required. Obtain signature and more information at the Career Center, 3100 Hornbake Library. Special fee required for this course.

CP20	Erin Rooney-Eckel, Elisabeth Jacobs	Seats (Total: 84)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	
CP21	Erin Rooney-Eckel, Elisabeth Jacobs	Seats (Total: 90)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

UNIV100 **The Student in the University**

UNIV100 The Student in the University; (1 credit) Grade Method: REG/P-F/AUD. *Credit only granted for: EDCP108O or UNIV100. Formerly: EDCP108O.* Introduces students to University life. In a small classroom setting, students will explore how to successfully bridge the gap between high school and college. Study skills, career decision-making, and student development processes will be explored.

0101	Annie Foster Ahmed	Seats (Total: 15)
	Meets June 18, 2012 - July 6, 2012	
	MTuWThF 9:00am - 12:00pm	KEY 0117

UNIV102 **STEP: Confidence Building and Study Skills in Mathematics**
Contact department for information to register for this course.

UNIV103 **STEP: Making a Successful Transition to University Life**
Contact department for information to register for this course.

UNIV269A **Connecting Across Cultures; Cultural Realities of Spain**
Contact department for information to register for this course.

UNIV269C **Connecting Across Cultures; China: Culture, Language and Internship Program**
Contact department for information to register for this course.

UNIV318B **Special Topics in Study Abroad; Indonesia: Civil Society, Democracy and Sustainable Development**
Contact department for information to register for this course.

UNIV326 **Beyond the Classroom Seminar II**

UNIV326 Beyond the Classroom Seminar II; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: UNIV325. Restriction: Must be in the Beyond the Classroom (BTC) living and learning program. Seminar for students in internships and service-learning experiences as context for applying communication skills and knowledge of civic engagement leadership skills first introduced in UNIV325. Must be taken concurrently with experiential learning practicum.

0201	Caitlin Haugen	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	M 4:00pm - 6:05pm	SCC 1102

UNIV339 **McNair Research Methods and Writing**

UNIV339 *(PermReq)* **McNair Research Methods and Writing; (2 credits)** Grade Method: REG/P-F/AUD.

0101	Jungmiwha Bullock	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	MF 9:00am - 5:00pm	MMH 0108

UNIV389J **Special Topics in Undergraduate Studies**

UNIV389J *(PermReq)* **Special Topics in Undergraduate Studies; (3 credits)** Grade Method: REG/P-F/AUD.

0101	Joan Burton	Seats (Total: 25)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	Joan Burton	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

UNIV399M **Experiential Learning in Undergraduate Studies; McNair Program- Research Methods**

UNIV399M Experiential Learning in Undergraduate Studies: McNair Program-Research Methods; (2 credits) Grade Method: REG/P-F/AUD.

0101	Instructor: TBA	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	M 9:00am - 5:00pm	HBK 1112

URSP Urban Studies and Planning Summer 2012

URSP399I **Independent Study**

URSP399I *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP603 **Land Use Planning: Concepts and Techniques**

URSP603 Land Use Planning: Concepts and Techniques; (3 credits) Grade Method: REG/AUD.
Credit only granted for: URSP603, URBS680, or URBS603. Formerly: URBS603.
Basic techniques for regulating the use and appearance of land. Legal framework, social implications, planning approaches, communicating land use information.

0101	Julia Koster	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 7:00pm - 9:45pm Contact instructor or department for details.	ARC 1103

URSP612 **Geographic Information Systems for Urban Planning**

URSP612 Geographic Information Systems for Urban Planning; (3 credits) Grade Method: REG/AUD.
Credit only granted for: URSP612 or URSP688M. Formerly: URSP688M. An introduction to GIS and its application to urban planning. Topics include: thematic mapping, GIS data structure, spatial analysis, Internet GIS, using census data to study urban areas, and examples of urban GIS application. Weekly laboratory and project work use ArcGIS software.

0201	Chao Liu	Seats (Total: 20)
	Meets July 9, 2012 - August 19, 2012	
	TuTh 6:45pm - 9:45pm Contact instructor or department for details.	ARC 1105

URSP681 **Urban Planning Law**

URSP681 Urban Planning Law; (3 credits) Grade Method: REG.
Credit only granted for: URSP681, URBS450, or URBS681. Formerly: URBS681. Survey of the urban legal environment. Issues of planning, zoning, eminent domain, land use controls, housing codes, historic preservation and related tax provisions.

0201	Stephen Karina	Seats (Total: 15)
	Meets July 9, 2012 - August 19, 2012	
	MW 7:00pm - 10:20pm	ARC 1101

URSP688F **Recent Developments in Urban Studies; Negotiation and Conflict Resolution for Planning**

URSP688F Recent Developments in Urban Studies: Negotiation and Conflict Resolution for Planning; (3 credits) Grade Method: REG/AUD.

0101	Charles Field	Seats (Total: 15)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
	Class meets Saturday, June 2 from noon to 7:00 p.m., Sunday, June 3 from 9:00 a.m. to 5:00 pm., Saturday, June 16 from 9:00 a.m. to 5:00 p.m., Sunday, June 17 from 9:00 a.m. to 5:00 pm., Saturday, June 23 from 9:00 a.m. to 5:00 pm., and Sunday, June 24 from 9:00 a.m. to 5:00 pm in ARC 1119.	

URSP705 **Summer Community Planning Studio I**

URSP705 Summer Community Planning Studio I; (4 credits) Grade Method: REG/AUD.
Restriction: Permission of instructor. Intensive community planning group field work, typically five days a week for four weeks. Often outside the USA. Application of class work to actual planning and policy challenges. Students seeking to meet the URSP studio requirement must also take URSP 706.

0102	James Cohen	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	

URSP706 **Summer Community Planning Studio II**

URSP706 Summer Community Planning Studio II; (2 credits) Grade Method: REG/AUD.
Restriction: Permission of instructor. Intensive analysis and report-preparation of work completed in URSP 705. Held in College Park. Students seeking to meet the URSP studio requirement must also take URSP 705.

0201	James Cohen	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	
0202	Marie Howland	Seats (Total: 10)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

URSP708 **Community Planning Studio**
Contact department for information to register for this course.

URSP709 **Field Instruction**

URSP709 Field Instruction; (3 credits) Grade Method: REG/AUD.

0101	James Cohen	Seats (Total: 20)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
	Contact instructor or department for details.	

URSP788 **Independent Study in Urban Studies and Planning**

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP798 **Readings in Urban Studies and Planning**

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP799 **Master's Thesis Research**

URSP799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP898 **Pre-Candidacy Research**

URSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP899 **Doctoral Dissertation Research**

URSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST Women's Studies Summer 2012

WMST250 **Introduction to Women's Studies: Women, Art and Culture**

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.

WB11	Katie White	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

WMST255 **Introduction to Literature by Women**

WMST255 Introduction to Literature by Women; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities.
Also offered as: ENGL250. Credit only granted for: WMST255 or ENGL250. Images of women in literature by and about women. Also offered as ENGL250.

WB21	Amy Merritt	Seats (Total: 25)
	Meets July 9, 2012 - August 19, 2012	
	Class time/details on ELMs	ONLINE

WMST269A **Special Topics in Study Abroad II; Women and Addiction**
Contact department for information to register for this course.

WMST269C **Special Topics in Study Abroad II; Modern Chinese Culture: Women's Studies**
Contact department for information to register for this course.

WMST269F **Special Topics in Study Abroad II; Women in Spanish Film**
Contact department for information to register for this course.

WMST269M **Special Topics in Study Abroad II; Mexican Society: History and Gender Issues**
Contact department for information to register for this course.

WMST298L **Special Topics in Women's Studies; History of Sexuality in America**

WMST298L Special Topics in Women's Studies: History of Sexuality in America; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.

WB11	Clare Lyons	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

WMST325 **The Sociology of Gender**

WMST325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: 3 credits in SOCY courses. Also offered as: SOCY325. Credit only granted for: SOCY325 or WMST325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.

0301	Michelle Sandhoff	Seats (Total: 35)
	Meets May 29, 2012 - June 15, 2012	
	MTuWThF 9:00am - 11:45am	ASY 2309
0601	Mary Kniskern	Seats (Total: 35)
	Meets July 30, 2012 - August 17, 2012	
	MTuWTh 6:00pm - 9:10pm	ASY 3211
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

WMST348C **Literary Works by Women; Science Fiction**

WMST348C Literary Works by Women: Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as ENGL348C.

0101	Jane Donawerth	Seats (Total: 35)
	Meets May 29, 2012 - July 8, 2012	
	TuTh 6:00pm - 9:15pm	TWS 0234

WMST369G **Special Topics in Study Abroad III; Gender and Post Socialist Transformation in Central Europe**
Contact department for information to register for this course.

WMST369K **Special Topics in Study Abroad III; Spanish Gender Studies**
Contact department for information to register for this course.

WMST386 **Experiential Learning**

WMST386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. *Restriction: Must have Learning Proposal approved by Women's Studies Academic Advisor; and Junior standing or higher.*

0101	Laura Nichols	Seats (Total: 10)
	Meets May 29, 2012 - July 8, 2012	
	Contact instructor or department for details.	
0201	Laura Nichols	Seats (Total: 3)
	Meets July 9, 2012 - August 19, 2012	
	Contact instructor or department for details.	

WMST400 **Theories of Feminism**

WMST400 Theories of Feminism; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 1 course in WMST; or Must have completed a course cross-listed with a WMST course.* A study of the multiplicity of feminist theories which have been developed to explain women's position in the family, the workplace, and society. Major feminist writings are considered in the context of their historical moment and in the context of the intellectual traditions to which they relate.

WB11	Bettina Judd	Seats (Total: 30)
	Meets May 29, 2012 - July 8, 2012	
	Class time/details on ELMs	ONLINE

WMST469E **Study Abroad Special Topics IV; European Women from Past to Present**
Contact department for information to register for this course.

WMST469M **Study Abroad Special Topics IV; Sociology, Gender and Indigenous Beliefs in Mexican Cultures**
Contact department for information to register for this course.

WMST471 **Women's Health**

WMST471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as: HLTH471. Credit only granted for: HLTH471 or WMST471. The women's health movement from the perspective of consumerism and feminism. The physician-patient relationship in the gynecological and other medical settings. The gynecological exam, gynecological problems, contraception, abortion, pregnancy, breast and cervical cancer and surgical procedures. Psychological aspects of gynecological concerns.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	Meets May 29, 2012 - July 8, 2012	
	MW 5:00pm - 8:45pm	SPH 0308

WMST498M **Advanced Special Topics in Women's Studies; Women and the Civil Rights Movement**

WMST498M Advanced Special Topics in Women's Studies: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as AASP498I and HIST360.

WB41	Elsa Barkley Brown	Seats (Total: 39)
	Meets July 9, 2012 - July 27, 2012	
	Class time/details on ELMs	ONLINE

WMST499 **Independent Study**

WMST499 Independent Study; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST698M **Special Topics in Women's Studies; Women and the Civil Rights Movement**
Contact department for information to register for this course.

WMST699 **Independent Study**

WMST699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST899 **Doctoral Dissertation Research**

WMST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.
